

SANGAMO BIOSCIENCES INC
Form DEF 14A
April 28, 2008

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of the
Securities Exchange Act of 1934
(Amendment No. __)

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

Preliminary Proxy Statement

Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))

Definitive Proxy Statement

Definitive Additional Materials

Soliciting Material Pursuant to §240.14a-12

SANGAMO BIOSCIENCES, INC.

(Name of Registrant as Specified In Its Charter)

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(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

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(3) Per unit price or other underlying value of the transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

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(2) Form, Schedule or Registration Statement No.:

(3) Filing Party:

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SANGAMO BIOSCIENCES, INC.

NOTICE OF ANNUAL MEETING OF STOCKHOLDERS

To Be Held June 4, 2008

To the Stockholders of Sangamo BioSciences, Inc.:

NOTICE IS HEREBY GIVEN that the Annual Meeting of Stockholders of Sangamo BioSciences, Inc., a Delaware corporation (the Company or Sangamo), will be held on Wednesday, June 4, 2008, at 9:00 a.m. Pacific time at 501 Canal Blvd, Suite A100, Richmond, California 94804, for the following purposes, as more fully described in the Proxy Statement accompanying this Notice:

1. To elect seven directors to serve on the Board of Directors for a one-year term ending at the Annual Meeting held in 2009 or until their successors are duly elected and qualified;
2. To ratify the appointment of Ernst & Young LLP as independent registered public accounting firm of Sangamo for the year ending December 31, 2008, and
3. To transact such other business as may properly come before the meeting or any adjournment or adjournments thereof.

Only stockholders of record at the close of business on April 9, 2008 are entitled to notice of and to vote at the Annual Meeting. The stock transfer books of Sangamo will remain open between the record date and the date of the meeting. A list of stockholders entitled to vote at the Annual Meeting will be available for inspection at the executive offices of Sangamo.

All stockholders are cordially invited to attend the meeting in person. Whether or not you plan to attend, please vote as soon as possible. You may vote by mailing a completed proxy card, by telephone, or over the Internet. Should you receive more than one Proxy because your shares are registered in different names and addresses, each Proxy should be signed and returned or the shares represented thereby should be voted by telephone or over the Internet to assure that all your shares will be voted. You may revoke your Proxy at any time prior to the Annual Meeting. If you attend the Annual Meeting and vote by ballot, your Proxy will be revoked automatically and only your vote at the Annual Meeting will be counted.

Sincerely,

Edward O. Lanphier II
President and Chief Executive Officer

Richmond, California

April 29, 2008

YOUR VOTE IS VERY IMPORTANT

REGARDLESS OF THE NUMBER OF SHARES YOU OWN. PLEASE READ THE ATTACHED PROXY STATEMENT CAREFULLY, COMPLETE, SIGN AND DATE THE ENCLOSED PROXY CARD AS PROMPTLY AS POSSIBLE AND RETURN IT IN THE ENCLOSED ENVELOPE. PLEASE REFERENCE THE VOTING BY MAIL, VIA THE INTERNET OR BY TELEPHONE SECTION ON PAGE 3 OF THE PROXY STATEMENT FOR ALTERNATE VOTING METHODS.

SANGAMO BIOSCIENCES, INC.

501 Canal Blvd, Suite A100

Richmond, California 94804

PROXY STATEMENT

FOR THE ANNUAL MEETING OF STOCKHOLDERS

To Be Held On June 4, 2008

General

The enclosed Proxy (Proxy) is solicited on behalf of the Board of Directors of Sangamo BioSciences, Inc., a Delaware corporation (the Company or Sangamo), for use at the Annual Meeting of Stockholders to be held on June 4, 2008 (the Annual Meeting). The Annual Meeting will be held at 9:00 a.m. Pacific time at 501 Canal Blvd, Suite A100, Richmond, California 94804. These Proxy solicitation materials are being mailed on or about April 29, 2008 to all stockholders entitled to vote at the Annual Meeting.

Voting

The specific proposals to be considered and acted upon at the Annual Meeting are summarized in the accompanying Notice and are described in more detail in this Proxy Statement. On April 9, 2008, the record date for determination of stockholders entitled to notice of and to vote at the Annual Meeting, 40,794,172 shares of Sangamo s Common Stock, par value \$0.01 (Common Stock), were issued and outstanding. No shares of Sangamo s preferred stock, par value \$0.01, were outstanding. Each stockholder is entitled to one vote for each share of Common Stock held by such stockholder on April 9, 2008. Stockholders may not cumulate votes in the election of directors.

Holders of a majority of the outstanding shares of Common Stock must be present or represented at the Annual Meeting in order to have a quorum. Abstentions and broker non-votes will be treated as shares present for the purpose of determining the presence of a quorum for the transaction of business at the Annual Meeting. Broker non-votes result from shares held of record by stock brokerage firms or financial institutions which are not voted due to the failure of the beneficial owners of those shares to provide voting instructions as to those matters as to which such brokerage firms or financial institutions may not vote on a discretionary basis. The two matters to be submitted to stockholder approval at the Annual Meeting do not involve matters as to which such brokerage firms or other financial institutions will be precluded from voting in the absence of voting instructions from the beneficial owners of the shares. In the election of directors (Proposal No. 1), the seven nominees receiving the highest number of affirmative votes will be elected. Ratification of the appointment of Ernst & Young LLP (Proposal No. 2) requires the approval of the affirmative vote of a majority of the shares of Common Stock present or represented and entitled to vote. Abstentions will have no effect on Proposal No. 1 but will be counted in the tabulation of the votes cast on Proposal No. 2 and will have the same effect as negative votes on that proposal. Broker non-votes will not be considered to be entitled to vote at the Annual Meeting and will not be counted for purposes of determining whether a proposal has been approved. If the persons present or represented by proxy at the Annual Meeting constitute the holders of less than a majority of the outstanding shares of Common Stock as of the record date, the Annual Meeting may be adjourned to a subsequent date for the purpose of obtaining a quorum. All votes will be tabulated by the inspector of election appointed for the Annual Meeting, who will separately tabulate affirmative and negative votes, abstentions and broker non-votes.

Recommendations of the Board of Directors

The Company s Board of Directors (the Board of Directors or the Board) recommends that you vote FOR each of the nominees of the Board of Directors (Proposal No. 1) and FOR ratification of the appointment of Ernst & Young LLP as the Company s independent registered public accounting firm for the Company s year ending December 31, 2008. (Proposal No. 2).

Voting by Mail, via the Internet or by Telephone

Stockholders whose shares are registered in their own names may vote by mailing a completed proxy card, via the Internet or by telephone. Instructions for voting via the Internet or by telephone are set forth on the enclosed proxy card. To vote by mailing a proxy card, sign and return the enclosed proxy card in the enclosed prepaid and addressed envelope and your shares will be voted at the Annual Meeting in the manner you direct. In the event no directions are specified, such proxies will be voted FOR each of the nominees of the Board of Directors (Proposal No. 1) and FOR the ratification of the appointment of Ernst & Young LLP as the Company's independent registered public accounting firm for the Company's year ended December 31, 2008 (Proposal No. 2) and in the discretion of the proxy holders as to any other matters that may properly come before the Annual Meeting. You may revoke or change your proxy vote at any time before the Annual Meeting by sending a written notice of revocation or submitting another proxy with a later date to the Inspector of Elections of the Company at the Company's principal executive offices before the beginning of the Annual Meeting. You may also revoke your proxy vote by attending the Annual Meeting and voting in person.

If your shares are registered in the name of a bank or brokerage firm, you may be eligible to vote your shares over the Internet or by telephone rather than by mailing a completed voting instruction card provided by the bank or brokerage firm. Please check the voting instructions card provided by your bank or brokerage house for available and instructions. If Internet or telephone voting is unavailable from your bank or brokerage house, please complete and return the enclosed voting instruction card in the self-addressed postage paid envelope provided.

Solicitation

Sangamo will bear the entire cost of solicitation, including the preparation, assembly, printing and mailing of this Proxy Statement and any additional solicitation materials furnished to the stockholders. Copies of solicitation materials will be furnished to brokerage houses, fiduciaries and custodians holding shares in their names that are beneficially owned by others so that they may forward this solicitation material to such beneficial owners. In addition, Sangamo may reimburse such persons for their costs in forwarding the solicitation materials to such beneficial owners. The original solicitation of proxies by mail may be supplemented by a solicitation by telephone, facsimile or other means by directors, officers or employees of Sangamo. No additional compensation will be paid to these individuals for any such services.

Deadline for Receipt of Stockholder Proposals

Proposals of stockholders of Sangamo that are intended to be presented by such stockholders at Sangamo's Annual Meeting in 2009 must be received no later than December 30, 2008, in order that they may be included in the Proxy statement and form of Proxy relating to that meeting. In addition, the Proxy solicited by the Board of Directors for the Annual Meeting in 2009 will confer discretionary authority to vote on any stockholder proposal presented at that meeting, if Sangamo does not receive notice of such proposal prior to March 6, 2009.

MATTERS TO BE CONSIDERED AT ANNUAL MEETING

PROPOSAL ONE:

ELECTION OF DIRECTORS

General

At the Annual Meeting, seven directors are to be elected to serve until the next Annual Meeting of Stockholders and until a successor for such director is elected and qualified, or until the death, resignation or removal of such director. The seven director nominees receiving the highest number of affirmative votes will be elected. The nominees for election have agreed to serve if elected, and management has no reason to believe that such nominees will be unavailable to serve. In the event the nominees are unable or decline to serve as directors at the time of the Annual Meeting, the proxies will be voted for any nominee who may be designated by the present Board of Directors to fill the vacancy. Unless otherwise instructed, the proxy holders will vote the proxies received by them FOR the nominees named below.

Nominees for Term Ending Upon the Annual Meeting of Stockholders in 2009

Edward O. Lanphier II, age 51, is the founder of Sangamo, has served as President, Chief Executive Officer and as a member of the Board of Directors since Sangamo's inception in 1995. Mr. Lanphier has approximately twenty-five years of experience in the pharmaceutical and biotechnology industry. From June 1992 to May 1997, he held various positions at Somatix Therapy Corporation, a gene therapy company, including Executive Vice President, Commercial Development and Chief Financial Officer. Prior to Somatix, Mr. Lanphier was President and Chief Executive Officer of BioGrowth, Inc., a biotechnology company that merged with Celtrix Laboratories to form Celtrix Pharmaceuticals, Inc. in 1991. From 1986 to 1987, Mr. Lanphier served as Vice President of Corporate Development at Biotherapeutics, Inc. From 1984 to 1986 he served as Vice President of Corporate Development at Synergen Inc. Prior to Synergen, he was employed by Eli Lilly and Company, a pharmaceutical company, in the strategic business planning biotechnology group. He currently serves on the board of directors of the Biotechnology Institute. Mr. Lanphier holds a B.A. in biochemistry from Knox College.

William G. Gerber, M.D., age 61, has served as a member of our Board of Directors since June 1997. Dr. Gerber is currently a partner at Bay City Capital, a life sciences venture capital fund management firm. From September 1999 until its merger into Nanogen, Inc. in December 2004, Dr. Gerber was President, Chief Executive Officer and a Director of Epoch Biosciences, Inc., a biomedical company. From April 1998 to July 1999, he was President of diaDexus LLC, a pharmacogenomics company. Previous to his appointment at diaDexus, he was Chief Operating Officer of Onyx Pharmaceuticals. Before joining Onyx in 1995, Dr. Gerber was with Chiron Corporation, a biopharmaceutical, vaccine and blood testing company, where he was President of the Chiron Diagnostics business unit after Chiron's merger with Cetus Corporation in December 1991. He joined Cetus in 1987 as Senior Director of Corporate Ventures and was named Vice President and General Manager of the PCR (Polymerase Chain Reaction) Division in November 1988. Dr. Gerber is Chairman of the Board of Pathway Diagnostics, a private company, and on the board of directors of Conatus Pharmaceuticals, Inc. and Aviiir, Inc. Dr. Gerber earned his B.S. and M.D. degrees from the University of California, San Francisco School of Medicine.

John W. Larson, age 72, has served as a member of our Board of Directors since January 1996. Mr. Larson is currently a partner at the law firm of Morgan, Lewis & Bockius LLP. He served as partner at the law firm of Brobeck, Phleger & Harrison LLP (Brobeck) from 1969 until retiring in January 2003, except for the period from July 1971 to September 1973 when he was in government service as Assistant Secretary of the United States Department of the Interior and Counselor to George P. Shultz, Chairman of the Cost of Living Council. From 1988 until March 1996, Mr. Larson was Chief Executive Officer of Brobeck. Mr. Larson serves on the boards of directors of Needham Funds, WageWorks, Inc. and MBA Polymers, Inc. Mr. Larson holds an L.L.B. and a B.A., with distinction, in economics, from Stanford University.

Margaret A. Liu, M.D., age 51, has served as a member of our Board of Directors since March 2005. She consults for companies and consortia in the fields of vaccines and cancer immunotherapy in the U.S. and Europe. She is currently a Foreign Adjunct Professor, and from 2003 to 2007, was a Visiting Professor at the Karolinska Institute in Stockholm. From 2000 to 2002 Dr. Liu was the Senior Advisor in Vaccinology for the Bill and Melinda Gates Foundation. From 1997 to 1998 she was Vice President of Vaccines Research and from 1998 to 2000, Vice President of Vaccines and Gene Therapy at Chiron Corporation. She joined Merck Research Laboratories in 1988 and in 1994 became Senior Director in the Department of Virus and Cell Biology. Dr. Liu sits on the advisory boards of the Jenner Institute and various research consortia, and is a member of the NIH AIDS Vaccine Research Subcommittee. She is Vice-Chairman of The Board of Trustees of the International Vaccine Institute in Seoul, Korea and a member of the Board of Directors (and Chairman of the Development Committee) of Keystone Symposia. Dr. Liu serves on the editorial or advisory boards of various scientific journals and has been elected a member of the American Society for Clinical Investigation and a Fellow of the Molecular Medicine Society. In 2002, Discover magazine named her one of The 50 Most Important Women Scientists. Dr. Liu earned her B.A. in Chemistry, Summa Cum Laude, from Colorado College and an M.D. from Harvard Medical School. In 2002, she was awarded an honorary Doctorate of Science from Colorado College and has received numerous honorary lectureships.

Steven J. Mento, Ph.D., age 56, has served as a member of our Board of Directors since May 2005. He is President and Chief Executive Officer of Conatus Pharmaceuticals Inc. From 1997 to 2005 he was President and CEO of Idun Pharmaceuticals and prior to that, from 1982 to 1992, Dr. Mento held various positions at American Cyanamid Company. His last position was Director of Viral Vaccine Research and Development at Lederle-Praxis Biologicals, a business unit of American Cyanamid Company. In January of 1992, he joined Viagene, Inc. as Vice President of Research and Development. Dr. Mento was responsible for directing the company's transition from basic research through initiation of the first company sponsored Phase I and Phase II clinical trials in the emerging field of gene therapy. In October of 1995, Chiron Corporation acquired Viagene, Inc., and renamed the company Chiron Viagene, Inc. Dr. Mento served as President of Chiron Viagene, Inc. and Vice President of Chiron Corporation until August of 1997. As President, Dr. Mento had overall responsibility for gene therapy research, product development, QA/QC, GMP manufacturing as well as general administration functions at Chiron Viagene. Dr. Mento holds Bachelor of Arts, Master of Science, and Ph.D. degrees in microbiology from Rutgers University. He did his post-doctoral fellowship in somatic cell genetics at the University of Toronto. Dr. Mento currently serves on the boards of BIOCROM, BIO ECS Governing Body, Grannus BioSciences, SDSU BioScience Center Scientific Advisory Board, Cal State San Marcos Advisory Council, and UCSD Bannister Family House. He also serves on the BIO Health Section Governing Body Board.

Thomas G. Wiggans, age 56, is a new director nominee, having no previous relationship with Sangamo. Mr. Wiggans served as Chief Executive Officer of Connetics Corporation, a biotechnology company, from 1994, and as Chairman of the Board from January 2006, until December 2006 when Connetics Corporation was acquired by Stiefel Laboratories. From 1992 to 1994, Mr. Wiggans served as President and Chief Operating Officer of CytoTherapeutics, a biotechnology company. From 1980 to 1992, Mr. Wiggans served in various positions at Ares-Serono Group, a pharmaceutical company, including President of its U.S. pharmaceutical operations and Managing Director of its U.K. pharmaceutical operations. Mr. Wiggans currently serves as Chairman of the Board of Peplin, Inc, and is a member of the Board of Directors of Onyx Pharmaceuticals Inc., the Board of Overseers of the Hoover Institution at Stanford University and the Board of Trustees of the University of Kansas Endowment Association. In addition, he is Chairman of the Biotechnology Institute, a non-profit educational organization. Mr. Wiggans holds a B.S. in Pharmacy from the University of Kansas and an M.B.A. from Southern Methodist University.

Michael C. Wood, age 55, has served as a member of our Board of Directors since our inception. Mr. Wood was founder, CEO and President of LeapFrog Enterprises, Inc. and its predecessor, an educational company from January 1995 through March 2004. Mr. Wood has 15 years of experience in the corporate legal representation of high technology firms and venture capital partnerships. From 1991 through 1994, he was a partner of the emerging technology companies group at Cooley Godward LLP. From 1979 to 1991, Mr. Wood practiced corporate law in the high technology practice of Crosby, Heafey, Roach & May. Mr. Wood received a J.D. from

the Hastings College of Law, an M.B.A. from the University of California, Berkeley and his B.A. in political science from Stanford University.

Board Independence

The Board of Directors has determined that each of its current and nominated directors, except the Chief Executive Officer, is independent within the meaning of the NASDAQ Global Market, Inc. director independence standards.

Board Committees and Meetings

The Board of Directors held four meetings during the year ended December 31, 2007. The Board of Directors has an Audit Committee, a Compensation Committee and a Nominating and Corporate Governance Committee and has adopted a written charter for each of these committees. Each director attended or participated in 75% or more of the aggregate of (i) the total number of meetings of the Board of Directors and (ii) the total number of meetings held by all committees of the Board on which such director served during 2007.

Audit Committee

The Audit Committee currently consists of three directors: Mr. Wood, Dr. Mento and Dr. Gerber, each of whom is independent within the meaning of the NASDAQ Global Market, Inc. director independence standards and Securities and Exchange Commission rules. Prior to his appointment as Executive Vice President and Chief Financial Officer of the Company in December 2007, H. Ward Wolff served as the chairperson of the Company's Audit Committee from June 2006 to December 2007. Dr. Gerber was appointed to the Audit Committee in December 2007. The Board of Directors has determined that Mr. Wolff and Mr. Wood are each an audit committee financial expert as defined in SEC rules and have the requisite financial sophistication in accordance with the applicable NASDAQ listing standards. The Audit Committee held four meetings during 2007.

The Audit Committee assists the Board of Directors in its oversight of the integrity of the Company's financial statements, the risk management and internal controls of the Company and the Company's compliance with legal and regulatory requirements. The Audit Committee interacts directly with and evaluates the performance of the independent registered public accounting firm, including determining whether to engage or dismiss the independent registered public accounting firm and to monitor the independent registered public accounting firm's qualifications and independence. The Audit Committee also pre-approves all audit services and permissible non-audit services provided by the independent registered public accounting firm.

The Audit Committee Report is included herein on page 32. A copy of the Amended and Restated Audit Committee Charter is not available on our website but is attached as Annex A to this proxy statement.

Compensation Committee

The Compensation Committee currently consists of three directors: Dr. Gerber, Dr. Liu and Mr. Larson, each of whom is independent within the meaning of the NASDAQ Global Market Inc. director independence standards.

The Compensation Committee's responsibilities include (i) establishing compensation arrangements and incentive goals for executive officers, (ii) administering compensation plans, (iii) evaluating the performance of executive officers and award incentive compensation, (iv) adjusting compensation arrangements as appropriate based upon performance and (v) reviewing and monitoring management development and succession plans and activities. A subcommittee of the Compensation Committee, consisting of Dr. Gerber and Dr. Liu, administers the Company's stock plans and makes all grants and awards thereunder.

The Compensation Committee is authorized to delegate its authority to a subcommittee when appropriate. It is authorized to hire independent compensation consultants and other professionals to assist in the design, formulation, analysis and implementation of compensation programs for the Company's executive officers and other key employees. Pursuant to such authority, the Compensation Committee engaged the compensation consulting firm of Setren, Smallberg and Associates, Inc. to advise on executive compensation matters on an ongoing basis, review the Company's total compensation programs, develop new plans to meet the Company's compensation policies and objectives and to assist in program implementation. In addition, surveys of compensation data generated by Radford Surveys, or Radford, a division of Aon Corporation, were also used. The Compensation Committee requested that the consulting firm assist in targeting total compensation of the Company's executive officers in the range of the 50-75th percentile of total compensation at peer companies. In determining or recommending the amount or form of executive officer compensation, the Compensation Committee also takes into consideration any information received from the Company's Chief Executive Officer and the Vice President of Finance & Administration. In doing so, however, the Compensation Committee customarily considers the comparative relationship of the recommended compensation to the compensation paid by other similarly situated companies, individual performance, tenure, internal comparability and the achievement of certain other operational and qualitative goals identified in the Company's strategic plan.

The Compensation Committee held two meetings during 2007. The Compensation Committee has a charter, which was attached as Appendix A to the Company's proxy statement filed with the Securities and Exchange Commission on April 30, 2007. Although such charter is not available on the Company's website, a copy may be obtained upon written request to the Secretary of the Company at the above address.

Compensation Committee Interlocks and Insider Participation

The members of the Compensation Committee of the Board of Directors are Dr. Gerber, Dr. Liu and Mr. Larson. None of our Compensation Committee members has been an officer or employee of Sangamo at any time. Mr. Larson is a partner at Morgan, Lewis & Bockius LLP, our legal counsel. None of our executive officers serves on the Board of Directors or compensation committee of any entity that has one or more executive officers serving as a member of our Board or our Compensation Committee.

Nominating and Corporate Governance Committee

The Nominating and Corporate Governance Committee consists of Dr. Gerber and Messrs. Larson and Wood, each of whom is independent within the meaning of the NASDAQ Global Market, Inc. director independence standards.

The Nominating and Corporate Governance Committee considers and periodically reports on matters relating to the size, identification, selection and qualification of the Board of Directors and candidates nominated for the Board of Directors and its committees, and develops and recommends governance principles applicable to the Company. The Nominating and Corporate Governance Committee was established in March 2004. The Charter of the Nominating and Corporate Governance Committee is not available on our website but is attached as Annex B to this proxy statement.

The Nominating and Corporate Governance Committee considers properly submitted stockholder recommendations for candidates for membership on the Board of Directors as described below under Identification and Evaluation of Nominees for Directors. In evaluating such recommendations, the Nominating and Corporate Governance Committee seeks to achieve a balance of knowledge, experience and capability on the Board of Directors and to address the membership criteria set forth under Director Qualifications. Stockholder nominees will receive the same consideration that nominees of the Board receive. Any stockholder recommendations proposed for consideration by the Nominating and Corporate Governance Committee should

include the candidate's name and qualifications for membership on the Board of Directors and should be addressed to:

Investor Relations

Sangamo BioSciences, Inc.

501 Canal Blvd., Suite A100

Richmond, CA 94804

Director Qualifications

The Nominating and Corporate Governance Committee will use a variety of criteria to evaluate the qualifications and skills necessary for members of our Board of Directors. The Nominating and Corporate Governance Committee may assess character, judgment, business acumen and scientific expertise, and familiarity with issues affecting the biotechnology and pharmaceutical industries. Other qualifications will be determined on a case-by-case basis, depending on whether the Nominating and Corporate Governance Committee desires to fill a vacant seat or increase the size of the Board to add new directors. In addition, the Nominating and Corporate Governance Committee may also evaluate whether a potential director nominee's skills are complementary to existing Board members' skills or meet the Board's need for operations, management, commercial, financial, or other expertise.

Identification and Evaluation of Nominees for Directors

The Nominating and Corporate Governance Committee utilizes a variety of methods for identifying and evaluating nominees for director. The Nominating and Corporate Governance Committee assesses the appropriate size of the Board of Directors, and whether any vacancies on the Board of Directors are expected due to retirement or otherwise. In the event that vacancies are anticipated, or otherwise arise, the Nominating and Corporate Governance Committee considers various potential candidates for director. Candidates may come to the attention of the Nominating and Corporate Governance Committee through current members of the Board of Directors, professional search firms, stockholders or other persons. These candidates are evaluated at regular or special meetings of the Nominating and Corporate Governance Committee, and may be considered at any point during the year. The Nominating and Corporate Governance Committee considers properly submitted stockholder recommendations for candidates for the Board of Directors. In evaluating such recommendations, the Nominating and Corporate Governance Committee uses the qualifications standards discussed above and seeks to achieve a balance of knowledge, experience and capability on the Board of Directors.

Mr. Thomas G. Wiggins, a new director nominee, was recommended to the Nominating and Corporate Governance Committee as a director by an experienced life science industry executive who is not affiliated with Sangamo. Sangamo did not and has no obligation to pay any fees to the life science executive industry who made the recommendation.

Annual Meeting Attendance

Although we do not have a formal policy regarding attendance by members of the Board of Directors at our annual meetings of stockholders, directors are encouraged to attend annual meetings of our stockholders. Three directors attended the 2007 annual meeting of stockholders.

Communications with the Board of Directors

Although we do not have a formal policy regarding communications with the Board of Directors, stockholders may communicate with the Board of Directors, including the non-management directors, by sending a letter to the Sangamo Board of Directors, c/o Investor Relations, 501 Canal Boulevard, Suite A100, Richmond, California 94804. Stockholders who would like their submission directed to a particular member of the Board of Directors may so specify.

Code of Ethics

The Board of Directors has adopted a Code of Business Conduct and Ethics, which is applicable to all employees and directors of the Company. A copy of our Code of Business Conduct and Ethics is available on our website at <http://www.sangamo.com/> in the Investor Section under Corporate Governance. In the event that we make any amendments to or grant any waivers of, a provision of the Code of Ethics that applies to the principal executive officer, principal financial officer, or principal accounting officer that requires disclosure under applicable SEC rules, we intend to disclose such amendment or waiver and the reasons therefore, on our website at <http://www.sangamo.com/>, in the Investor section.

Director Compensation

The following table sets forth certain information regarding the compensation of each non-employee director for service as a member of the Board of Directors during the 2007 fiscal year. No stock awards other than stock options were granted to the non-employee directors during the 2007 fiscal year, and no stock awards other than stock options were held by non-employee directors during such year.

| Name (a) | Fees Earned or | | Total (\$)(d) |
|----------------------|----------------------------|-----------------------------------|------------------|
| | Paid in Cash (\$)(1)(b) | Option Awards (\$)(2)(3)(4)(c) | |
| William Gerber, M.D. | \$ 22,000 | \$ 59,563 | \$ 81,563 |
| John W. Larson | \$ 19,500 | \$ 59,563 | \$ 79,063 |
| Margaret Liu, M.D. | \$ 19,500 | \$ 90,113 | \$ 109,613 |
| Steven Mento, Ph.D. | \$ 20,500 | \$ 81,502 | \$ 102,002 |
| H. Ward Wolff (5) | \$ 23,000 | \$ 101,645 | \$ 124,645 |
| Michael Wood | \$ 22,000 | \$ 59,563 | \$ 81,563 |

- (1) Consists of the annual retainer and meeting fees for service as a member of the Board of Directors or any Board committee. For further information concerning such fees, see the section below entitled "Director Annual Retainer and Meeting Fees."
- (2) The amounts in column (c) reflect the compensation expense recognized for financial statement reporting purposes for the 2007 fiscal year, in accordance with Statement of Financial Accounting Standards No. 123, as revised (SFAS 123(R)), with respect to stock options which vested in such year, whether those options were granted to the non-employee director in that year or any earlier fiscal year. The SFAS 123(R) compensation expense is based on the grant-date fair value of each such option grant and does not take into account any estimated forfeitures related to service-based vesting conditions. The assumptions used in the calculation of the SFAS 123(R) grant-date fair value of each option grant are included in footnote 2 to the Company's audited financial statements for the year ended December 31, 2007, included in the Company's Annual Report on Form 10-K filed with the Securities and Exchange Commission on March, 3, 2008.
- (3) Pursuant to the Automatic Option Grant Program in effect under the Company's 2004 Stock Incentive Plan, Dr. Gerber, Mr. Larson, Dr. Liu, Dr. Mento, Mr. Wolff and Mr. Wood each received an option to purchase 10,000 shares of Common Stock with an exercise price per share of \$7.28 at the 2007 Annual Meeting, and each such option had a grant date fair value under SFAS 123(R) of \$57,100. For further information concerning the grant of options to non-employee directors under the Automatic Option Grant Program of the Company's 2004 Stock Incentive Plan, see the section below entitled "2004 Stock Incentive Plan."
- (4) As of December 31, 2007 the following non-employee directors held options to purchase the following number of shares of the Company's common stock: Dr. Gerber, 70,000 shares; Mr. Larson, 70,000 shares; Dr. Liu, 70,000 shares; Dr. Mento, 15,556 shares; Mr. Wood, 70,000 shares and Mr. Wolff, 60,000 shares (plus 300,000 option shares and 100,000 restricted stock units subsequently granted to Mr. Wolff as the Company's Executive Vice President and Chief Financial Officer).
- (5) Mr. Wolff served as a non-employee member of the Board of Directors from June 2006 until his appointment as the Company's Executive Vice President and Chief Financial Officer in December 2007. The table above reflects only the compensation he received from the Company as a non-employee director.

The compensation Mr. Wolff received as an executive officer of the Company is included in the table under the heading "Summary of Cash and Certain other Compensation" on page 22. During his service period as a non-employee director, Mr. Wolff received options to purchase an aggregate of 60,000 shares of Common Stock. Of the 60,000 options granted, 30,000 were unvested as of the date his Board service ended. These unvested options will continue to vest in monthly increments in accordance with their original vesting schedule, provided Mr. Wolff continues in the Company's employ on each applicable vesting date. Such options are also subject to accelerated vesting upon the termination of Mr. Wolff's employment due to his death or disability or a change in control of the Company, as described under the heading "Employment Contracts and Change in Control Agreements." The table above reflects only the expense taken under SFAS 123(R) with respect to equity awards granted to Mr. Wolff in connection with his Board service.

Directors Annual Retainer and Meeting Fees

Each non-employee Board member receives an annual cash retainer of \$10,000. In addition, each non-employee Board member serving as a chairperson of a Board committee receives an additional cash retainer of \$5,000 and \$2,500 for the Audit Committee and Compensation Committee, respectively. Non-employee Board members also receive the following additional cash payments: \$2,000 per Board meeting attended; \$1,000 per Audit Committee meeting attended; and \$1,000 per Compensation Committee meeting attended.

2004 Stock Incentive Plan

Under the Automatic Option Grant Program in effect under the Sangamo 2004 Stock Incentive Plan (the "2004 Plan"), each new non-employee Board member will receive, at the time of his or her initial election or appointment to the Board, an option to purchase 50,000 shares of Common Stock, provided such person has not previously been in Sangamo's employ. In addition, on the date of each annual stockholders meeting, each individual who has served as a director for the previous six months and who is to continue to serve as a non-employee Board member will be granted an option to purchase 10,000 shares of Common Stock. Each option granted under the Automatic Option Grant Program will have an exercise price per share equal to the fair market value per share of the Common Stock on the grant date and will have a maximum term of 10 years, subject to earlier termination following the optionee's cessation of Board service. Each option is immediately exercisable for all the option shares, but any shares purchased under the option will be subject to repurchase by Sangamo, at the exercise price paid per share, upon the optionee's cessation of Board service prior to vesting in those shares. The shares subject to each automatic option grant vest in successive equal monthly installments upon completion of each month of Board service over a designated period. For the initial grant of 50,000 shares, the designated period is three years, and is one year in the case of an annual grant. However, the shares subject to each automatic option grant will immediately vest upon (i) the optionee's death or permanent disability while a Board member, (ii) an acquisition of Sangamo by merger or asset sale, (iii) the successful completion of a tender offer for more than 50% of Sangamo's outstanding voting stock or (iv) a change in the majority of the Board effected through one or more proxy contests for Board membership.

Pursuant to the Automatic Option Grant Program under the 2004 Plan, Dr. Gerber, Mr. Larson, Dr. Liu, Dr. Mento, Mr. Wolff and Mr. Wood each received an option to purchase 10,000 shares of Common Stock with an exercise price per share of \$7.28 at the 2007 Annual Meeting. In addition, all non-employee members of the Board elected at our 2008 Annual Meeting will receive an option to purchase 10,000 shares of Common Stock with an exercise price per share equal to the fair market value of a share of our Common Stock on the date of the 2008 Annual Meeting.

Recommendation of the Board of Directors

The Board of Directors recommends that the stockholders vote FOR the election of the nominees listed above.

PROPOSAL TWO:**RATIFICATION OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

The Board of Directors has appointed the firm of Ernst & Young LLP, independent registered public accounting firm for Sangamo during 2007, to serve in the same capacity for the year ending December 31, 2008, and is asking the stockholders to ratify this appointment. The decision of the Board of Directors to appoint Ernst & Young LLP was based on the recommendation of the Audit Committee. The affirmative vote of a majority of the shares represented and entitled to vote at the Annual Meeting is required to ratify the selection of Ernst & Young LLP.

In the event the stockholders fail to ratify the appointment, the Board of Directors will reconsider its selection. Even if the selection is ratified, the Board of Directors in its discretion may direct the appointment of a different independent auditing firm at any time during the year if the Board of Directors believes that such a change would be in the best interests of Sangamo and its stockholders.

A representative of Ernst & Young LLP is expected to be present at the Annual Meeting, will have the opportunity to make a statement if he or she desires to do so, and will be available to respond to appropriate questions.

Independent Registered Public Accountants

The following table presents fees for professional audit services rendered by Ernst & Young, LLP for the audit of the Company's annual financial statements for 2007 and 2006, and fees billed for other services rendered by Ernst & Young, LLP during 2007 and 2006:

| | 2007 | 2006 |
|------------------------|-------------------|-------------------|
| Audit Fees (1) | \$ 545,244 | \$ 540,100 |
| Audit related Fees (2) | 150,965 | 25,000 |
| Tax Fees (3) | 34,800 | 24,940 |
| All Other Fees | | |
| Total | \$ 731,009 | \$ 590,040 |

(1) Includes fees for the audit of our annual financial statements included in our Form 10-K and the related audit of internal controls, review of interim financial statements included on Forms 10-Q and services normally provided in connection with statutory and regulatory filings.

(2) Includes fees in connection with the completion of Sangamo's registered direct offering and other related services.

(3) Includes fees for tax compliance, tax advice and tax planning services.

Policy on Audit Committee Pre-Approval of Audit and Permissible Non-Audit Services

Under its charter, the Audit Committee must pre-approve all engagements of the independent registered public accounting firm for the performance of all audit and non-audit services that are not prohibited and the fees for such services. The Audit Committee has delegated to its Chairman the authority to evaluate and approve service engagements on behalf of the full committee in the event a need arises for specific pre-approval between committee meetings. If the Chairman approves any such engagements, he will report that approval to the full Audit Committee not later than the next committee meeting.

The Audit Committee has determined that the rendering of other professional services for tax compliance and tax advice by Ernst & Young, LLP is compatible with maintaining their independence. The Audit Committee has established a policy governing our use of Ernst & Young, LLP for non-audit services. Under the policy,

management may use Ernst & Young, LLP for non-audit services that are permitted under SEC rules and regulations, provided that management obtains the Audit Committee's approval before such services are rendered.

Recommendation of the Board of Directors

The Board of Directors recommends that the stockholders vote FOR the ratification of the selection of Ernst & Young LLP to serve as Sangamo's independent registered public accounting firm for the year ending December 31, 2008.

OTHER MATTERS

Sangamo knows of no other matters that will be presented for consideration at the Annual Meeting. If any other matters properly come before the Annual Meeting, it is the intention of the persons named in the enclosed form of Proxy to vote the shares they represent as the Board of Directors may recommend. Discretionary authority with respect to such other matters is granted by the execution of the enclosed Proxy.

MANAGEMENT

Executive Officers

The following table sets forth information regarding our executive officers as of March 17, 2008:

| Name | Age | Position |
|----------------------------|-----|---|
| Edward O. Lanphier II | 51 | President, Chief Executive Officer and Director |
| H. Ward Wolff | 59 | Executive Vice President and Chief Financial Officer (Principal Financial and Accounting Officer from December 2007 to Present) |
| Dale G. Ando, M.D. | 52 | Vice President, Therapeutic Development and Chief Medical Officer |
| Philip D. Gregory, D. Phil | 37 | Vice President, Research |
| David G. Ichikawa | 55 | Senior Vice President, Business Development |

Edward O. Lanphier II, the founder of Sangamo BioSciences, Inc., has served as President, Chief Executive Officer and as a member of the Board of Directors since Sangamo's inception in 1995. Mr. Lanphier has approximately twenty-five years of experience in the pharmaceutical and biotechnology industry. From June 1992 to May 1997, he held various positions at Somatix Therapy Corporation, a gene therapy company, including Executive Vice President, Commercial Development and Chief Financial Officer. Prior to Somatix, Mr. Lanphier was President and Chief Executive Officer of BioGrowth, Inc., a biotechnology company that merged with Celtrix Laboratories to form Celtrix Pharmaceuticals, Inc. in 1991. From 1986 to 1987, Mr. Lanphier served as Vice President of Corporate Development at Biotherapeutics, Inc. From 1984 to 1986 he served as Vice President of Corporate Development at Synergen Inc. Prior to Synergen, he was employed by Eli Lilly and Company, a pharmaceutical company, in the strategic business planning biotechnology group. He serves on the board of directors of the Biotechnology Institute. Mr. Lanphier holds a B.A. in biochemistry from Knox College.

H. Ward Wolff has served as Executive Vice President and Chief Financial Officer since December 2007. Prior to his appointment as Executive Vice President and Chief Financial Officer, Mr. Wolff served as a member of the Company's Board of Directors from June 2006 through December 2007, serving as Chairman of the Audit Committee. Prior to joining the Company, Mr. Wolff served as Senior Vice President, Finance and Chief Financial Officer with Nuvelo, Inc. from July 2006 to August 2007 and Chief Financial Officer and Senior Vice President, Finance, of Abgenix, Inc. from September 2004 to April 2006. From July 2002 to December 2003,

Mr. Wolff served as Chief Financial Officer of QuantumShift. From 1998 to January 2002, he was Senior Vice President and Chief Financial Officer of DoubleTwist, Inc. From 1992 to 1998, he was Senior Vice President of Finance and Administration and Chief Financial Officer of Premenos Technology Corporation. From 1985 to 1992, Mr. Wolff was an Executive Director of Russell Reynolds Associates, Inc. From 1974 to 1985, Mr. Wolff held numerous positions with Price Waterhouse, as a certified public accountant, including Senior Audit Manager. Mr. Wolff serves on the boards of directors of Portola Pharmaceuticals, Inc. and MAP Pharmaceuticals, Inc. Mr. Wolff received a B.A. degree in Economics from the University of California at Berkeley and an M.B.A. degree from Harvard Business School.

Dale G. Ando, M.D. has served as Vice President, Therapeutic Development and Chief Medical Officer since August 2004. Dr. Ando has held senior positions in therapeutic product development in several biotechnology companies. From 1997 until he joined Sangamo in 2004, he was Vice President, Clinical Research at Cell Genesys, Inc. While at Cell Genesys, Dr. Ando directed the development of Phase I-III GVAX programs, oncolytic virus programs and Phase I/II trials of chimeric T-cell receptor products in HIV and cancer. From 1992 to 1997, Dr. Ando served as director of clinical gene therapy at Chiron Corporation. From 1997 to 2001 Dr. Ando served as a member of the Recombinant DNA Advisory Committee (RAC) and the Adenoviral Safety Committee for the National Institutes of Health (NIH). Dr. Ando began his career as a faculty member at UCLA Medical School in the Division of Rheumatology. He received his M.D. and Internal Medicine training at the University of Michigan and a B.S. in Chemistry from Stanford University. Dr. Ando is board certified in internal medicine and is a subspecialist in Rheumatology.

David G. Ichikawa has served as Senior Vice President, Business Development since December 2004. Prior to joining Sangamo, from February 2002 to September 2004, Mr. Ichikawa was Chief Business Officer for Sagres Discovery, where he was responsible for corporate strategy and business development activities. While at Sagres he negotiated a major collaboration with Boehringer Ingelheim, the strategic acquisition of MemRx Corporation and played a critical role in the acquisition of Sagres by Chiron Corporation. Prior to Sagres Discovery, from 1994 to February 2002, Mr. Ichikawa held several positions with Chiron Corporation including Vice President, R&D Business Development and Finance. Mr. Ichikawa earned his M.B.A. degree from the University of California at Berkeley and a B.S. degree from the University of California at Davis.

Philip D. Gregory, D. Phil. has served as Vice President, Research since October 2005. He joined Sangamo in December 2000 as a Scientist, became a Team Leader in October 2001 and Senior Director, Research in July 2003. Prior to joining the company, Dr. Gregory was at the University of Munich, Germany, where he studied the role of chromatin structure in gene regulation and published extensively in this field. Dr. Gregory earned a D. Phil. in Biochemistry from the University of Oxford and holds a B.Sc. in microbiology from the University of Sheffield.

SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

The following table sets forth certain information known to Sangamo with respect to the beneficial ownership of Common Stock as of March 17, 2008, by (i) all persons who are beneficial owners of five percent (5%) or more of Sangamo's Common Stock based on 40,792,172 shares outstanding as of March 17, 2008, (ii) each director and each nominee for director, (iii) the executive officers named in the Summary Compensation Table of the Executive Compensation of this Proxy Statement and (iv) all current directors and executive officers as a group. Unless otherwise indicated, the principal address of each of the stockholders below is c/o Sangamo BioSciences, Inc., 501 Canal Boulevard, Suite A100, Richmond, CA 94804. Except as otherwise indicated or to the extent authority may be shared by both spouses under applicable law, and subject to applicable community property laws, we believe the persons named in the table have sole voting and investment power with respect to all shares of Common Stock held by them. Except as otherwise indicated in the footnotes to the table or for shares of Common Stock held in brokerage accounts, which may from time to time, together with other securities held in those accounts, serve as collateral for margin loans made from such accounts, none of the shares reported as beneficially owned are currently pledged as securities for any outstanding loan or indebtedness.

| Name and Address of Beneficial Owner | Number of Shares Beneficially Owned | Percentage of Shares Beneficially Owned (16) |
|---|--|---|
| Fidelity Management & Research Company (FRM, LLC) (1) 82 Devonshire Street Boston, MA 02109 | 5,095,517 | 12.5% |
| Kopp Investment Advisors, LLC (2) 7701 France Avenue South, Suite 500 Edina, MN 55435 | 3,062,313 | 7.5% |
| Heartland Advisors, Inc. (3) 789 North Water Street Milwaukee, WI 53202 | 2,300,000 | 5.6% |
| Edward Lanphier II (4) | 2,822,033 | 6.9% |
| William G. Gerber, M.D. (5) | 137,466 | * |
| John W. Larson (6) | 410,526 | 1.0% |
| Margaret A. Liu, M.D. (7) | 69,166 | * |
| Steven J. Mento, Ph.D. (8) | 33,277 | * |
| H. Ward Wolff (9) | 42,111 | * |
| Michael C. Wood (10) | 1,335,666 | 3.3% |
| Dale G. Ando, M.D. (11) | 256,248 | * |
| Philip D. Gregory, D. Phil. (12) | 150,119 | * |
| David G. Ichikawa (13) | 127,811 | * |
| Gregory S. Zante (14) | 24,984 | * |
| All current directors and executive officers as a group (10 persons) (15) | 5,384,423 | 13.4% |

* Less than one percent.

- (1) According to a Schedule 13G/A filed on February 14, 2008, FMR, LLC is the beneficial owner of 5,095,517 shares of common stock, and has sole power to dispose or to direct the disposition of 5,095,517 shares and sole power to vote or to direct to vote of 33,200 shares.
- (2) According to a Schedule 13D/A filed on January 4, 2008, Kopp Investment Advisors, LLC had shared dispositive power over 1,845,313 shares, sole voting power over 2,930,588 shares and aggregate beneficial ownership over 2,930,588 shares. Kopp Investment Advisors, LLC is a wholly-owned subsidiary of Kopp Holding Company, LLC, which reported aggregate beneficial ownership of 2,930,588. The filing also stated that Kopp Holding Company LLC is controlled by Leroy C. Kopp through Kopp Holding Company.

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Mr. Kopp also reported sole dispositive power over 1,217,000 shares in addition to the shares that may be deemed beneficially owned by Kopp Investment Advisors, LLC. for an aggregate of 3,062,313 shares.

- (3) Based on a Schedule 13G filed on February 8, 2008, Heartland Advisors, Inc. is the beneficial owner of 2,300,000 shares of common stock and has share voting and dispositive power over all such shares.
- (4) Includes 344,791 shares of Common Stock subject to options exercisable within 60 days after March 17, 2008. Also includes 400,000 shares held by Mr. Lanphier's children and 1,877,242 shares held in trust.
- (5) Includes 69,166 shares of Common Stock subject to options exercisable within 60 days after March 17, 2008. and 68,300 shares held in trust.
- (6) Includes 69,166 shares of Common Stock subject to options exercisable within 60 days after March 17, 2008. and 144,460 shares of Common Stock held indirectly in a 401(k) plan for the benefit of Mr. Larson.
- (7) Consists of 69,166 shares of Common Stock subject to options exercisable within 60 days after March 17, 2008.
- (8) Includes 13,333 shares of Common Stock subject to options exercisable within 60 days after March 17, 2008.
- (9) Includes 41,111 shares of Common Stock subject to options exercisable within 60 days after March 17, 2008. In addition to the shares reported as beneficially owned by Mr. Wolff in the table above, he also holds restricted stock units covering an additional 100,000 shares of Common Stock that may vest and become issuable more than 60 days after March 17, 2008.
- (10) Includes 69,166 shares of Common Stock subject to options exercisable within 60 days after March 17, 2008.
- (11) Includes 256,248 shares of Common Stock subject to options exercisable within 60 days after March 17, 2008.
- (12) Includes 122,186 shares of Common Stock subject to options exercisable within 60 days after March 17, 2008.
- (13) Consists of 127,811 shares of Common Stock subject to options exercisable within 60 days after March 17, 2008.
- (14) Includes 24,291 shares of Common Stock subject to options exercisable within 60 days after March 17, 2008.
- (15) Includes 1,182,144 shares of Common Stock subject to options held by current Officers and Directors that will become exercisable within 60 days after March 17, 2008.
- (16) Shares of Common Stock issuable upon the exercise of options currently exercisable, or exercisable within 60 days after March 17, 2008, are deemed outstanding for purposes of computing the percentage ownership of the person holding such options, but are not deemed outstanding for computing the percentage ownership of any other person.

COMPENSATION DISCUSSION AND ANALYSIS

It is our intent in this Compensation Discussion and Analysis to inform our shareholders of the policies and objectives underlying the compensation programs for our executive officers. Accordingly, we will address and analyze the key elements of the compensation provided to our chief executive officer, our principal financial and accounting officer and the other executive officers named in the Summary Compensation Table which follows this discussion.

Overview of the Company's Executive Compensation Program

Corporate Governance and the Role of the Compensation Committee

The Company's Compensation Committee assists the Board of Directors in fulfilling its fiduciary responsibilities with respect to the oversight of the Company's affairs in the areas of compensation plans, policies and programs of the Company, especially those regarding executive compensation and employee benefits.

The Compensation Committee's primary responsibilities are: 1) to determine the cash compensation of the Company's Chief Executive Officer; 2) to approve all decisions relating to the cash compensation of the Company's other executive officers; 3) to review and oversee compensation decisions with regard to other Company executives; 4) to administer the Company's cash bonus program, including the determination of the bonus pool based on the achievement of goals established by the Compensation Committee; and 5) to review and approve the policies adopted by the Company with regard to employee compensation and employee benefits. A subcommittee of the Compensation Committee has primary responsibility for administering the Company's 2004 Equity Incentive Plan and making all equity awards under such plan to the Chief Executive Officer and the Company's other executive officers.

During 2007, Dr. Gerber served as chairperson of the Compensation Committee, and Dr. Liu and Mr. Larson were members of the Compensation Committee. Dr. Gerber and Dr. Liu also served as the members of the Compensation Subcommittee. The Company's Board of Directors has determined that all of the Compensation Committee members are independent directors under the NASDAQ definition of independence. Dr. Gerber, Dr. Liu, and Mr. Larson have extensive experience in executive management and the biotechnology industry, including experience with compensation practices and policies.

In 2007, the Compensation Committee retained the services of compensation consultants Setren, Smallberg & Associates, Inc. (Setren). The Compensation Committee utilized Setren to provide advice and recommendations regarding the Company's equity compensation practices, the cash compensation structure for all employees at the level of vice president and above and the Company's cash bonus program. In making its compensation decisions, the Compensation Committee also took into account compensation data compiled from various Radford Surveys. Setren also provided recruitment services and advice to management regarding the Company's equity compensation practices, cash bonus program and the cash compensation structure for all other employees.

Objectives of the Company's Compensation Program

The Company is developing a new class of human therapeutics and committed to building a sustainable business focused on the research, development and commercialization of DNA-binding proteins for the therapeutic regulation and modification of disease-related genes and other applications in plant agriculture, laboratory research reagents and in the enhanced production of protein pharmaceuticals. To achieve this strategic objective, the Company has emphasized the recruitment of executives with significant industry experience. This is a very competitive industry, and our success depends upon our ability to attract and retain qualified executives through competitive compensation packages. The Compensation Committee administers the compensation programs for our executive officers with this competitive environment in mind.

Pharmaceutical research, development and commercialization require sustained and focused effort over many years. As a consequence, the Compensation Committee believes the Company's compensation program must balance long-term incentives that create rewards for the realization of our long-term strategic objectives with near term compensation that rewards employees for the achievement of annual goals that further the attainment of the Company's long-term objectives. The Company believes that compensation should not be based primarily on the short-term performance of our stock, which has been and continues to be highly volatile.

To this end, the objectives of the Company's compensation program are to:

Enable the Company to attract and retain highly qualified executives with significant industry experience by providing a competitive compensation package that includes long-term incentives that provide significant retentive value;

Reward executives for company success in meeting its annual and long-term clinical development and other operational goals; and

Reward executives for their individual performance and achievement of their personal goals and those of the functional organizations that they manage.

Executive Compensation Determination Procedures and Policies.

The Compensation Committee (or the Compensation Subcommittee) approves the Company's policies regarding executive compensation, approves all compensation actions with regard to the Company's executive officers, and oversees all other aspects of the Company's employee compensation programs. The Compensation Committee reviews executive compensation annually. As part of such process, the Compensation Committee reviews the performance assessments of individual executives which, for executives other than the Chief Executive Officer, are generated by each executive's direct manager and reviewed by the Chief Executive Officer. In the case of the Chief Executive Officer, the Compensation Committee evaluates his performance against the Company's annual goals and longer term objectives pre-established by the Compensation Committee and market data regarding executive compensation at relevant comparable companies. In addition, for each executive officer, the Compensation Committee considers the Company's performance against annual and longer term objectives, market data regarding executive compensation at relevant comparable companies and the recommendations of management. In 2007, the Compensation Committee received input from Setren to assist management and the Committee in analyzing and determining the appropriate compensation package for Company executives.

Comparative Analysis.

The Company determines Chief Executive Officer compensation by reference to publicly available compensation data for the peer companies. As its primary comparison group for 2006 and 2007, management and the Compensation Committee approved the following 17 biotechnology companies selected on the basis of their development stage, market capitalization, and therapeutic focus, the size and complexity of their organizations, and to some extent their geographic proximity to the Company:

Ariad Pharmaceuticals, Inc.
Cell Genesys, Inc.
Cell Therapeutics, Inc.
Depomed Inc.
Genelabs Technologies, Inc.
Genvec, Inc.
Geron Corp.
Immunogen, Inc.
La Jolla Pharmaceutical Company

Lexicon Pharmaceuticals, Inc.
Maxygen, Inc.
Nanogen, Inc.
Renovis, Inc.
SuperGen, Inc.
Targeted Genetics Corp.
Threshold Pharmaceuticals, Inc.
Vical Inc.

The Compensation Committee supplements the compensation data drawn from these peer companies with market data, taken from Radford Surveys, providing compensation information with regard to a large number of biotechnology companies with comparable numbers of employees. The Compensation Committee also obtains direct compensation advice and recommendations from the consultants at Setren with respect to the compensation levels of the Company's executive officers. In addition, the Compensation Committee also takes into account the performance reviews and compensation recommendations made by the Chief Executive Officer with respect to executive officers other than himself. Generally, management and Setren make recommendations to the Compensation Committee with respect to compensation for the Company's executive officers and other Company officers. The Compensation Committee may accept or adjust such recommendations, and makes the sole determination with respect to the Company's Chief Executive Officer. Members of management for whom compensation decisions are being made are absent from the meeting when the Compensation Committee is determining and deliberating his or her compensation.

Key Elements of the Company's Executive Compensation Program.

The following are the key elements of the Company's executive compensation program:

Base Salary

Cash Bonus

Equity Compensation

Base Salary

Base salary is intended to enable the Company to attract and retain executives with greater than average experience and skills, when compared to comparable biotechnology companies. For each executive position, the Company sets as its target base compensation in the range of the 50th-75th percentile of compensation paid by its peer companies for that position. Actual base salary may be below or above the range based on individual performance, experience, skills, and the importance of the position to the Company. In December 2006, following a review of individual performances by the executive officers during the 2006 fiscal year, the Compensation Committee approved increases to annual base salaries effective for the 2007 year. The table below shows annual 2006 and 2007 base salary rates for each named executive officer:

| Name | 2006 Base Salary | 2007 Base Salary | Percent Increase |
|-----------------------------|------------------|------------------|------------------|
| Edward O. Lanphier II | \$ 440,000 | \$ 475,000 | 7.95% |
| H. Ward Wolff | | \$ 350,000 | |
| Dale G. Ando, M.D. | \$ 335,000 | \$ 350,000 | 4.48% |
| Philip D. Gregory, D. Phil. | \$ 220,000 | \$ 235,000 | 6.82% |
| David Ichikawa | \$ 265,000 | \$ 275,000 | 3.77% |
| Gregory S. Zante (1) | \$ 213,750 | \$ 230,000 | 7.60% |

(1) Mr. Zante, Vice President, Finance and Administration, served as Principal Financial and Accounting Officer from January 2004 to December 2007 and his compensation is included in the analysis that follows.

Based on market data prepared by Setren and derived from the Radford Surveys, the Committee believes that the 2007 base salaries for the named executive officers ranged from the 50th to the 75th percentile of the competitive base salary amounts paid by the peer group companies. The Committee considers this positioning appropriate given each executive's tenure and responsibilities with the Company, as well as the high cost of living in the San Francisco Bay Area.

In December 2007, the Company again conducted annual performance reviews of all of its employees, including executive officers. Based on these reviews, competitive data from Setren and other factors described

above, the Compensation Committee approved increases to the named executive officer's annual rate of base salary maintaining the range of 50th-75th percentile of peer group companies for the 2008 fiscal year as follows:

| Name | 2008 Base Salary | Percent Increase |
|-----------------------------|------------------|------------------|
| Edward O. Lanphier II | \$ 510,000 | 7.37% |
| H. Ward Wolff | \$ 350,000 | |
| Dale G. Ando, M.D. | \$ 385,000 | 10.00% |
| Philip D. Gregory, D. Phil. | \$ 260,000 | 10.64% |
| David Ichikawa | \$ 285,000 | 3.64% |
| Gregory S. Zante | \$ 250,000 | 8.70% |
| <i>Cash Bonus</i> | | |

In December 2006 the Compensation Committee approved a cash bonus program for the 2007 fiscal year that was designed to advance our pay-for-performance policy by focusing the attention of our executive officers on the attainment of key objectives. The plan provided our executive officers with a direct financial incentive in the form of a cash bonus award tied to our achievement of aggressive pre-established research and development, organizational and financial goals for the 2007 year. Levels of attainment were established for each goal, with each executive officer's bonus potential tied to the actual level at which the goals were attained. The goals and weighting under the plan were as follows:

| Goal | Weighting |
|---|-------------|
| Research and Development | 65% |
| Advance clinical pipeline: includes completing accrual of company's lead Phase 2 clinical trial, initiating a new Phase 2 clinical trial in the Company's lead program and initiating Phase 1 clinical trials in two new programs | |
| Advance pre-clinical programs and technology applications | |
| Organizational | 20% |
| Complete a significant ZFP Research Reagents corporate partnership | |
| Other organizational goals | |
| Financial Management | 15% |
| Conclude 2007 with a minimum balance of \$35.0 million in cash and cash equivalents | |
| Total | 100% |

At the beginning of each year, the Compensation Committee determines the relative weight of each goal based on its importance to the Company's success. Given the importance of the Company's research and development programs to its success, the Compensation Committee determined that achievement of goals associated with the advancement of the Company's research and development pipeline would be worth 65% of the total for bonus achievement in 2007, with financial goals afforded 15% of the total and organizational goals the remaining 20%.

The Compensation Committee determines the size of potential cash bonuses by reference to target bonus amounts, based on market data, established for each executive position. In 2007, the Company's target cash bonus for the Chief Executive Officer was 50 percent of his base salary, and 30 percent of base salary for the other Named Executive Officers (NEOs), other than Mr. Wolff. Because his employment commenced in December 2007, Mr. Wolff, was not eligible to participate in the 2007 bonus plan. The specified percentages are intended to help ensure that the Company's total cash compensation is competitive when compared to peer companies. It is also designed to increase the relative portion of each executive's cash compensation that is contingent on goal achievement, thereby increasing the performance-based component of each executive's total compensation.

If the actual level of attainment for any goal was below target level, the bonus potential would be in a dollar amount interpolated on a straight line basis between \$0 and the target dollar amount. Should our performance exceed the target level, the bonus potential for that level would also increase based on the amount by which the results exceeded the target goals. At the time the goals were set, we believed that the goals, though aggressive, were attainable at the established target levels, but substantial uncertainty nevertheless existed as to the actual attainment of the goals at the established level.

Based on the Compensation Committee's assessment that the Company's performance for the 2007 fiscal year resulted in attainment of the target goals at a weighted average level of 80% (i.e., the calculation was based on the level at which individual goal was attained and the weight assigned to that particular goal), each executive officer was accordingly awarded 80% of his target bonus. For purposes of measuring the goal tied to the advancement of pre-clinical programs and technology applications, the Compensation Committee evaluated the Company's progress in terms of scientific publications and presentations, achievement of research milestones under an agreement with Dow AgroSciences, LLC, and technology license revenues.

The Compensation Committee retains the discretion to grant bonuses to individual executives that are above or below the established target based on the above criteria and its subjective assessment of each executive's performance. In 2007, the Compensation Committee awarded additional performance bonuses to Dr. Ando and Dr. Gregory in the amount of \$20,000 and \$15,000, respectively, each based on his dedication to the Company and overall performance and to Mr. Lanphier, in the amount of \$25,000, based on the overall performance of the Company as compared to similarly situated biotechnology companies.

Equity Compensation

The Company grants stock options to its executives, and to all of its employees, to provide long term incentives that align the interests of its work force with the achievement of the Company's long term vision to develop and commercialize pharmaceutical products. Given the time periods involved in pharmaceutical development, the Company believes that these long term incentives are critical to the Company's success. The exercise price for options granted by the Company is equal to the closing price of the Company's stock on the option grant date.

The Compensation Committee determines the size of stock option grants for the named executive officers. Target ranges for stock option grants are based on position, salary level, and competitive practices of peer companies. Actual awards also reflect individual performance and potential, as well as retention objectives.

Options are granted to all employees, including executives, when they are hired, and once each year in connection with annual performance reviews. New hire option grants are generally pre-authorized and become effective on the employee's start date, with the exercise price set at the market price on that date. In December 2007, as in past years, the Company conducted annual performance reviews of all of its employees, including executive officers. Based on these reviews and other factors described above, the Compensation Committee approved annual performance option grants, each with an exercise price per share of \$13.98, the fair market value of the Company's common stock on the option grant date of December 12, 2007, to the Company's named executive officers as follows:

| Name | Number of Option Shares |
|-----------------------------|--------------------------------|
| Edward O. Lanphier II | 250,000 |
| H. Ward Wolff | |
| Dale G. Ando, M.D. | 100,000 |
| Philip D. Gregory, D. Phil. | 90,000 |
| David Ichikawa | 30,000 |
| Gregory S. Zante | 50,000 |

Each option grant will vest in accordance with the Company's standard vesting schedule; twenty-five percent of the option shares will vest after completion of one year of service and the balance of the option shares will vest in equal monthly installments over the following thirty-six months of continued service.

At the time of Mr. Wolff's employment status with the Company commenced in December 2007, the Compensation Committee awarded Mr. Wolff 100,000 restricted stock units (RSUs) and 300,000 option shares as part of his total compensation package. The RSU grant to Mr. Wolff is the first RSU grant made by the Compensation Committee. The Compensation Committee thought that the RSUs were appropriate in this instance because they provide a more direct correlation between the SFAS 123(R) compensation expense the Company must take for financial accounting purposes and the actual value of the equity award delivered to Mr. Wolff and they are also less subject to market volatility than stock options. Each RSU entitles Mr. Wolff to one share of our common stock upon the vesting of that unit, without the payment of an exercise price or other consideration. Both the option shares and the RSUs will vest in accordance with the Company's standard vesting schedule, subject to accelerated vesting in the event Mr. Wolff's employment terminates under certain circumstances or upon certain changes in control or ownership of the Company.

Employment Agreements

The Company's Board of Directors entered into an Employment Agreement with the Company's President and Chief Executive Officer, Edward O. Lanphier in 1997 and with the Company's Executive Vice President and Chief Financial Officer, H. Ward Wolff in November 2007. Each of the agreements was the result of arms-length negotiation between the parties. A summary of the material terms of the employment agreements with Mr. Lanphier and Mr. Wolff, together with a quantification of the benefits available under those agreements may be found in the section of the proxy statement entitled "Executive Compensation and Other Information - Employment Contracts, Termination of Employment and Change in Control Arrangements."

The Company believes believe the severance and the change in control benefits payable to Mr. Lanphier under his employment agreement are fair and reasonable in light of the years of service he has rendered the Company and the level of dedication and commitment he has shown over those years. The change in control benefits provide financial protection against any potential loss of employment that might otherwise occur as a result of an acquisition of the Company and will allow Mr. Lanphier to focus his attention on acquisition proposals that are in the best interests of the stockholders, without undue concern as to his own financial situation. We also believe the single trigger vesting acceleration of his equity awards upon a change in control is justified because those awards are designed to serve as the primary vehicle for Mr. Lanphier to accumulate financial resources for retirement, and a change in control event is an appropriate liquidation point for awards intended for such purpose. The Company does not provide Mr. Lanphier or any other executive officers with any defined benefit pension plan or supplemental executive retirement plan, and the only other opportunities for the accumulation of retirement funds is through the limited deferral opportunities provided under the Company's 401(k) savings plan.

In approving the terms of the employment agreement with Mr. Wolff, the Compensation Committee reviewed a comparative analysis from Setren of the compensation packages provided to chief financial officers at other companies of similar size and market capitalization and also took into consideration the compensation package offered to Mr. Wolff by his most recent employer. The employment agreement with Mr. Wolff also provides certain severance benefits. Setren advised the Compensation Committee that the inclusion of severance provisions in the employment agreement was a commonly accepted practice and advised the Company that the severance package offered to Mr. Wolff as part of his employment agreement was within the competitive range of comparable chief financial officer severance packages at other companies of similar size and market capitalization.

Other Elements of Executive Compensation Program

The remaining elements of the Company's executive compensation program, like its broader employee compensation programs, are intended to make the Company's overall compensation program competitive with

those of its peer companies, keeping in mind the constraints imposed by the Company's reliance on the capital markets as the primary source of its cash needs. With the exception of the employment agreements between the Company and the Company's President and Chief Executive Officer and the Executive Vice President and Chief Financial Officer, all of the remaining elements of the Company's executive compensation program (401(k) Plan, Medical, Dental, and Vision Plans, Life and Disability Insurance, and Employee Stock Purchase Plan) are available to all Company employees. Mr. Lanphier is not eligible to participate in the Company's Employee Stock Purchase Plan.

Allocations between Base Salary, Cash Bonus and Equity Compensation for Executives

The development and commercialization of pharmaceutical products involves a high degree of risk, particularly in the early stages of clinical development. It takes many years of clinical development to reduce this risk. Like most other biotechnology companies that have not yet commercialized any products, the Company has been heavily dependent on the capital markets for its cash requirements. Given the limitations on the Company's available cash resources, and the long-term risks associated with the Company's achievement of its strategic objectives, the Company has historically weighted its total compensation toward equity, for executives as well as the rest of its work force, in order to minimize the use of its cash resources while achieving total compensation packages that have allowed it to attract and retain talented employees, including those in its executive ranks. The Company believes that this strategy has been successful, as demonstrated by the backgrounds of its executives and other employees.

The Company has begun what it expects will be an ongoing process of evaluating the relative importance of equity and cash components of total compensation. Many of the Company's peers have begun to limit the size of option grants, in part as a consequence of the implementation of SFAS 123(R), which requires companies to accrue expenses associated with equity compensation in their financial statements in a different manner than they had been permitted prior to January 1, 2006, and in part as a result of the dilutive impact of such option grants. The Company will take such factors and trends into consideration as part of its annual review of peer company and market data.

Internal Revenue Code Section 162(m)

Section 162(m) of the Internal Revenue Code disallows a tax deduction to publicly held companies for compensation paid to certain of their executive officers, to the extent that compensation exceeds \$1 million per covered officer in any fiscal year. The limitation applies only to compensation that is not considered to be performance-based. The stock options granted to our executive officers have been structured with the objective of qualifying those awards as performance-based compensation. Non-performance-based compensation paid to our executive officers for the 2007 fiscal did not exceed the \$1.0 million limit per covered officer. Although the restricted stock units awarded to Mr. Wolff as a component of equity compensation will not qualify as performance-based compensation, the compensation associated with the vesting of those units should not be subject to the \$1 million limitation because Mr. Wolff will not be a covered officer for purposes of that limitation if he continues in his capacity as the Company's principal financial officer. In future years, the scope of the limitation may change, and it is possible that all or part of Mr. Wolff's restricted stock units may become subject to the \$1 million limitation on deductibility. However, we believe that in establishing the cash and equity incentive compensation programs for our executive officers, the potential deductibility of the compensation payable under those programs should be only one of a number of relevant factors taken into consideration, and not the sole governing factor. For that reason, we may deem it appropriate to provide one or more executive officers with the opportunity to earn incentive compensation, whether through cash bonus programs tied to our financial performance or through restricted stock units tied to the executive officer's continued service, which may, together with base salary, exceed in the aggregate the amount deductible by reason of Section 162(m) or other provisions of the Internal Revenue Code. We believe it is important to maintain cash and equity incentive compensation at the levels needed to attract and retain the executive officers essential to our success, even if all or part of that compensation may not be deductible by reason of the Section 162(m) limitation. As of December 31, 2007, Sangamo had net operating loss

carryforwards for federal income tax purposes of approximately \$96.6 million, which expire in the years 2010 through 2027 which would defer the impact of any lost deductions under Section 162(m).

Summary of Cash and Certain Other Compensation

The following table provides certain summary information concerning the compensation earned for services rendered in all capacities to the Company and its subsidiaries for the years ended December 31, 2007 and 2006 by the Company's President and Chief Executive Officer, the Company's Executive Vice President and Chief Financial Officer, and each of the Company's three other most highly compensated executive officers whose total compensation for the 2007 year was in excess of \$100,000 and who were serving as executive officers for the year ended December 31, 2007. No other executive officers who would have otherwise been includable in such table on the basis of total compensation for 2007 and 2006 have been excluded by reason of their termination of employment or change in executive status during that year. The listed individuals shall be hereinafter referred to as the named executive officers. The Company does not sponsor a pension plan or a non-qualified deferred compensation plan.

| Name and Principal Position (a) | Year (b) | Salary \$(1) (c) | Bonus \$(2) (d) | Stock Awards \$((e) | Option Awards \$(4) (f) | Non- Equity Incentive Plan Compensation \$(5) (g) | Total \$((h) |
|---|-------------|------------------------|-----------------------|-------------------------------|----------------------------------|---|---------------------|
| Edward O. Lanphier II, President and Chief Executive Officer | 2007 | \$ 475,000 | \$ 25,000 | | \$ 466,835 | \$ 190,000 | \$ 1,156,835 |
| | 2006 | \$ 440,000 | | | \$ 500,246 | \$ 155,000 | \$ 1,095,246 |
| H. Ward Wolff, Executive Vice President and Chief Financial Officer (6) | 2007 | \$ 29,167 | | \$ 15,269(3) | \$ 90,173 | | \$ 134,609 |
| | 2006 | \$ 350,000 | \$ 20,000 | | \$ 187,304 | \$ 84,000 | \$ 641,304 |
| Dale G. Ando, MD, Vice President of Therapeutic Development and Chief Medical Officer | 2007 | \$ 350,000 | \$ 20,000 | | \$ 187,304 | \$ 84,000 | \$ 641,304 |
| | 2006 | \$ 335,000 | | | \$ 177,486 | \$ 60,000 | \$ 572,486 |
| Philip D. Gregory, D. Phil., Vice President of Research | 2007 | \$ 235,000 | \$ 15,000 | | \$ 135,815 | \$ 56,400 | \$ 442,215 |
| | 2006 | \$ 220,000 | | | \$ 168,423 | \$ 40,000 | \$ 428,423 |
| David Ichikawa, Senior Vice President of Business Development | 2007 | \$ 275,000 | | | \$ 166,483 | \$ 66,000 | \$ 507,483 |
| | 2006 | \$ 265,000 | | | \$ 178,115 | \$ 46,500 | \$ 489,615 |
| Gregory S. Zante, Vice President, Finance and Administration (7) | 2007 | \$ 230,000 | | | \$ 112,806 | \$ 55,200 | \$ 398,006 |
| | 2006 | \$ 213,750 | | | \$ 133,457 | \$ 40,000 | \$ 387,207 |

- (1) Includes amounts deferred under the Company's 401(k) Plan, a qualified deferred compensation plan under section 401(k) of the Internal Revenue Code.
- (2) The amounts in column (d) reflect a discretionary bonus payment awarded for service during the fiscal year ended December 31, 2007.
- (3) Reflects the compensation expense recognized for financial statement purposes for the 2007 fiscal year, in accordance with SFAS 123(R), with respect to the restricted stock unit award made to Mr. Wolff in that year. The reported amount is based on the grant-date fair value of such stock award, measured in terms of

- the closing price of the Company's common stock on the date of the award, and does not take into account any estimated forfeitures related to vesting conditions. Assumptions used in the calculation of this amount are included in footnote 2 to the Company's audited financial statements for the year ended December 31, 2007 included in the Company's Annual Report on Form 10-K filed with the Securities and Exchange Commission on March 3, 2008.
- (4) The amounts in column (f) reflect the compensation expense recognized for financial statement reporting purposes for the fiscal years ended December 31, 2006 and 2007, in accordance with SFAS 123(R), with respect to stock options which vested in each of those years, whether those options were granted to the named executive officer in such year or any earlier fiscal year. For Mr. Wolff, the reported amount also includes the SFAS 123(R) incremental expense attributable to the 2007 fiscal-year modification made to the outstanding stock options granted to him while he was a non-employee Board member which allowed those options to remain outstanding and continue to vest during his period of employee status with the Company, but only to the extent that incremental expense relates to the portion of those options that was vested at the time of such modification or subsequently vested before December 31, 2007. The amounts reported in column (f) are based on the grant-date fair value (or incremental fair value for Mr. Wolff's modified options) for each option award, as determined pursuant to SFAS 123(R), and do not take into account any estimated forfeitures related to service-vesting conditions. Assumptions used in the calculation of such grant-date fair value included in footnote 2 to the Company's audited financial statements for the year ended December 31, 2007 included in the Company's Annual Report on Form 10-K filed with the Securities and Exchange Commission on March 3, 2008.
- (5) The amounts in column (g) reflect the cash awards to the named executive officers under the Company's non-equity incentive plan which is described in detail in the Compensation Discussion and Analysis under the heading "Cash Bonus".
- (6) Mr. Wolff joined the Company in December 2007 as Executive Vice President and Chief Financial Officer. Prior to the commencement of such employment, Mr. Wolff served as a non-employee member of the Board of Directors. The amounts reported in the table above reflect Mr. Wolff's compensation earned as an executive officer in 2007 following the commencement of his employment with the Company, and do not reflect the compensation earned by Mr. Wolff as a non-employee director. If the compensation he earned as a non-employee director had been included in the table, the table would have included a column "Other Annual Compensation" which would have included \$23,000 of board fees earned by Mr. Wolff in 2007 and an additional expense in the Column "Option Awards" of \$101,645. Accordingly, had such compensation been included in the table, Mr. Wolff's total compensation would have increased from \$134,609 to \$259,254.
- (7) Mr. Zante, Vice President, Finance and Administration, served as Principal Financial and Accounting Officer from January 2004 to December 2007.

Grants of Plan-Based Awards

The following table provides certain summary information concerning each grant of an award made to a named executive officer in 2007 under a compensation plan.

| Name | Potential Payouts Under Non-Equity Incentive Plan Awards | | | | All Other Stock Awards: Number of Shares of Stock or Units (#) | All Other Option Awards: Number of Securities Underlying Options (#)(3) | Exercise or Base Price of Option or Stock Awards (\$/Sh) | Grant Date SFAS123R Value (\$) |
|-----------------------------|--|-------------------|----------------|-----------------|--|---|--|--------------------------------|
| | Grant Date | Threshold (\$)(1) | Target (\$)(2) | Maximum (\$)(1) | | | | |
| Edward O. Lanphier II | 12/13/06 | \$ 0 | 237,500 | | | | | |
| | 12/12/07 | | | | | 250,000(4) | \$ 13.98 | \$ 2,682,375 |
| H. Ward Wolff | 12/03/07 | | | | | 300,000(5) | \$ 14.72 | \$ 3,285,600 |
| | 12/03/07 | | | | 100,000(6) | | | \$ 1,427,000 |
| | 06/07/06 | | | | | 50,000(7) | \$ 7.73 | \$ 236,409(8) |
| | 06/07/07 | | | | | 10,000(7) | \$ 7.28 | \$ 60,304(8) |
| Dale G. Ando, M.D. | 12/13/06 | \$ 0 | 105,000 | | | | | |
| | 12/12/07 | | | | | 100,000 | \$ 13.98 | \$ 1,072,950 |
| Philip D. Gregory, D. Phil. | 12/13/06 | \$ 0 | 70,500 | | | | | |
| | 12/12/07 | | | | | 90,000 | \$ 13.98 | \$ 965,655 |
| David Ichikawa | 12/13/06 | \$ 0 | 82,500 | | | | | |
| | 12/12/07 | | | | | 30,000 | \$ 13.98 | \$ 321,885 |
| Gregory S. Zante | 12/13/06 | \$ 0 | 69,000 | | | | | |
| | 12/12/07 | | | | | 50,000 | \$ 13.98 | \$ 536,475 |

- (1) If the level of attainment were below target level, the potential bonus would be in a dollar amount interpolated on a straight line basis between \$0 and the target dollar amount. If the level of attainment were above the target level, then the potential bonus listed for that level would increase based on the amount by which the target goals were exceeded.
- (2) Reflects the potential payouts under the Company's non-equity incentive plan based on the Company's attainment of certain research and development, operational and financial goals at target level. The actual amounts earned under the plan for the 2007 year is disclosed in the Summary Compensation Table in the column Non-Equity Incentive Plan Compensation. For more information regarding the non-equity incentive plan, please see the section entitled Cash Bonus in the Company's Compensation Discussion and Analysis.
- (3) Each of the reported options was granted under the Company's 2004 Stock Incentive Plan and vests and becomes exercisable in accordance with the following schedule: twenty-five percent of the option shares vest on the one year anniversary of the option grant date and the remaining option shares vest in thirty-six equal monthly installments over the thirty-six month period measured from the first anniversary of the option grant date, provided the optionee continues to provide services to the Company through each applicable vesting date.
- (4) The reported option granted to Mr. Lanphier will immediately vest on an accelerated basis upon a change in control of the Company, as described under the heading Employment Contracts and Change in Control Agreements.
- (5) The reported option granted to Mr. Wolff will immediately vest on an accelerated basis upon the termination of his employment with the Company under certain circumstances and certain changes in control of the Company, as described under the heading Employment Contracts and Change in Control Agreements.
- (6) Represents a restricted stock unit award covering the indicated number of shares of Common Stock. Each restricted stock unit will entitle Mr. Wolff to one share of Common Stock upon the vesting of that unit. The units will vest, and the underlying shares will become issuable, as follows: (i) twenty-five percent will vest upon Mr. Wolff's completion of one year of service with the Company measured from the award date, and (ii) the remaining units will vest in a series of thirty-six successive equal monthly installments upon his completion of each additional month of service over the next thirty-six months thereafter. All the

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units will vest, and the underlying shares will become issuable, immediately upon the termination of his employment with the Company under certain circumstances and certain changes in control of the Company, as described under the heading Employment Contracts and Change in Control Agreements.

- (7) Options covering a total of 60,000 shares (comprised of two grants of 10,000 and 50,000 shares) of Common Stock granted to Mr. Wolff in connection with his service as a non-employee Board member were modified on November 29, 2007 to allow such options to remain outstanding and continue to vest during his continued service as an employee of the Company. Those options will immediately vest on an accelerated basis upon the termination of Mr. Wolff's employment due to his death or disability or upon a change in control of the Company, as described under the heading Employment Contracts and Change in Control Agreements.
- (8) Represents the incremental fair value of the modified option, as determined in accordance with SFAS 123(R). Accordingly, such amount was determined by subtracting the SFAS 123(R) value of the option immediately prior to its modification from the SFAS 123(R) value determined to that option immediately after such modification.

Outstanding Equity Awards at Year-End

The following table provides certain summary information concerning outstanding equity awards held by the Named Executive Officers as of December 31, 2007.

| Name (a) | Option Awards | | | | Stock Awards | |
|-----------------------------|--|---|--------------------------------------|-------------------------------|---|---|
| | Number of Securities Underlying Unexercised Options (#) Exercisable (b) | Number of Securities Underlying Unexercised Options (#) Unexercisable (1) (c) | Option Exercise Price (\$) (d) | Option Expiration Date (e) | Number of Shares or units of stock that have not vested (#) (f) | Market Value of shares or units of stock that have not vested (\$) (g) |
| Edward O. Lanphier II | 0 | 250,000(2) | \$ 13.98 | 12/12/2017 | | |
| | 50,000 | 150,000(2) | \$ 6.82 | 12/13/2016 | | |
| | 75,000 | 75,000(2) | \$ 4.11 | 12/12/2015 | | |
| | 75,000 | 25,000(2) | \$ 5.19 | 12/20/2014 | | |
| | 91,666 | 8,334(2) | \$ 6.39 | 4/22/2014 | | |
| | 400,000 | 0 | \$ 0.17 | 05/06/2008 | | |
| H. Ward Wolff | 0 | 300,000(3) | \$ 14.27 | 12/03/2017 | | |
| | 5,000(6)(7) | 5,000(3)(6)(7) | \$ 7.28 | 06/07/2017 | 100,000(4) | \$ 1,302,000(5) |
| | 25,000(6)(7) | 25,000(3)(6)(7) | \$ 7.73 | 06/07/2016 | | |
| Dale Ando, M.D. | 0 | 100,000 | \$ 13.98 | 12/12/2017 | | |
| | 12,500 | 37,500 | \$ 6.82 | 12/13/2016 | | |
| | 25,000 | 25,000 | \$ 4.11 | 12/12/2015 | | |
| | 18,750 | 6,250 | \$ 5.19 | 12/20/2014 | | |
| | 166,666 | 33,334 | \$ 3.61 | 8/2/2014 | | |
| Philip D. Gregory, D. Phil. | 0 | 90,000 | \$ 13.98 | 12/12/2017 | | |
| | 12,500 | 37,500 | \$ 6.82 | 12/13/2016 | | |
| | 24,791 | 25,000 | \$ 4.11 | 12/12/2015 | | |
| | 18,750 | 6,250 | \$ 5.19 | 12/20/2014 | | |
| | 1,042 | 4,167 | \$ 3.00 | 8/9/2014 | | |
| | 45,000 | 0 | \$ 4.92 | 12/2/2013 | | |
| | 10,000 | 0 | \$ 8.89 | 1/2/2012 | | |
| | 15,000 | 0 | \$ 15.37 | 12/14/2010 | | |
| David Ichikawa | 0 | 30,000 | \$ 13.98 | 12/12/2017 | | |
| | 12,500 | 37,500 | \$ 6.82 | 12/13/2016 | | |
| | 12,500 | 12,500 | \$ 4.11 | 12/12/2015 | | |
| | 112,500 | 37,500 | \$ 5.19 | 12/20/2014 | | |
| Greg Zante | 0 | 50,000 | \$ 13.98 | 12/12/2017 | | |
| | 12,500 | 37,500 | \$ 6.82 | 12/13/2016 | | |
| | 1,042 | 25,000 | \$ 4.11 | 12/12/2015 | | |
| | 5,417 | 5,000 | \$ 5.19 | 12/20/2014 | | |
| | 3,350 | 0 | \$ 4.92 | 12/2/2013 | | |

- (1) Each of the reported options (other than those described in footnotes (6) and (7) below) vests and becomes exercisable in accordance with the following schedule: twenty-five percent of the option shares vest on the one year anniversary of the option grant date and the remaining option shares vest in thirty-six successive equal monthly installments over the thirty-six month period measured from the first anniversary of the option grant date, provided the optionee continues in the Company's service through each applicable vesting date. Accordingly, each of the following options held by the named executive officers vest in accordance with such schedule:

| Name | Option Grant Date | Total Number of Option Shares on Grant Date | Number of Option Shares Exercised Before January 1, 2008 |
|-----------------------------|-------------------|---|--|
| Edward O. Lanphier II | 5/6/98 | 400,000 | |
| | 4/22/04 | 100,000 | |
| | 12/20/04 | 100,000 | |
| | 12/12/05 | 150,000 | |
| | 12/13/06 | 200,000 | |
| | 12/12/07 | 250,000 | |
| H. Ward Wolff | 12/03/07 | 300,000 | |
| | 06/07/07 | 10,000 | |
| | 06/07/06 | 50,000 | |
| Dale G. Ando, M.D. | 8/2/04 | 200,000 | |
| | 12/20/04 | 25,000 | |
| | 12/12/05 | 50,000 | |
| | 12/13/06 | 50,000 | |
| | 12/12/07 | 100,000 | |
| Philip D. Gregory, D. Phil. | 12/14/00 | 15,000 | |
| | 1/2/02 | 10,000 | |
| | 12/2/03 | 50,000 | 5,000 |
| | 8/9/04 | 25,000 | 19,791 |
| | 12/20/04 | 25,000 | |
| | 12/12/05 | 50,000 | 209 |
| | 12/13/06 | 50,000 | |
| | 12/12/07 | 90,000 | |
| David G. Ichikawa | 12/20/04 | 150,000 | |
| | 12/12/05 | 25,000 | |
| | 12/13/06 | 50,000 | |
| | 12/12/07 | 30,000 | |
| Gregory S. Zante | 12/2/03 | 20,000 | 16,650 |
| | 12/20/04 | 20,000 | 9,583 |
| | 12/12/05 | 50,000 | 23,958 |
| | 12/13/06 | 50,000 | |
| | 12/12/07 | 50,000 | |

- (2) Each of these options will vest on an accelerated basis upon a change in control of the Company, as described under the heading Employment Contracts and Change in Control Agreements.
- (3) Each of these options will vest on an accelerated basis upon termination of employment with the Company under certain circumstances or upon certain changes in control of the Company, as described under the heading Employment Contracts and Change in Control Agreements.
- (4) Represents a restricted stock unit award covering the indicated number of shares of Common Stock. Each restricted stock unit will entitle Mr. Wolff to one share of Common Stock upon the vesting of that unit. The units will vest, and the underlying shares will become issuable,

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as follows: (i) twenty-five percent will vest upon Mr. Wolff's completion of one year of service with the Company measured from the December 3, 2007 date of the award, and (ii) the remaining units will vest in a series of thirty-six successive equal monthly installments upon his completion of each additional month of service over the next thirty-six months thereafter. All the units will vest, and the underlying shares will become issuable, immediately upon the termination of Mr. Wolff's employment with the Company under certain circumstances and certain changes in control of the Company, as described under the heading "Employment Contracts and Change in Control Agreements."

- (5) Based on the \$13.02 closing price of the Company's common stock on December 31, 2007.
- (6) The option for 50,000 shares was granted to Mr. Wolff on June 7, 2006 in connection with his service as a non-employee Board member. The option will vest and become exercisable in 36 successive equal monthly installments upon his completion of each month of service with the Company (as a non-employee Board member prior to December 3, 2007 and as an employee thereafter) over the three-year period measured from the grant date. The option will immediately vest and become exercisable on an accelerated basis upon the termination of Mr. Wolff's employment with the Company by reason of death or permanent disability or upon certain change in control or ownership of the Company.
- (7) The option for 10,000 shares was granted to Mr. Wolff on June 7, 2007 in connection with his service as a non-employee Board member. The option will vest and become exercisable in 12 successive equal monthly installments upon his completion of each month of service with the Company (as a non-employee Board member prior to December 3, 2007 and as an employee thereafter) over the one-year period measured from the grant date. The option will immediately vest and become exercisable on an accelerated basis upon the termination of Mr. Wolff's employment with the Company by reason of death or permanent disability or upon certain change in control or ownership of the Company.

Option Exercises and Stock Vested

The following table sets forth for each of the named executive officers, the number of shares of the Company's common stock acquired and the value realized on each exercise of stock options during the year ended December 31, 2007. No stock appreciation rights were exercised by the named executive officers during 2007, and none of those officers held any stock appreciation rights as of December 31, 2007. No shares of common stock subject to restricted stock or restricted stock unit awards vested during the year ended December 31, 2007.

| Name (a) | Option Awards | |
|-----------------------------|--|---|
| | Number of Shares Acquired on Exercise (#) (b) | Value Realized on Exercise (\$) (1) (c) |
| Philip D. Gregory, D. Phil. | 24,829 | \$ 327,023 |
| Gregory S. Zante | 16,858 | \$ 238,435 |

- (1) Value realized is determined by multiplying (i) the amount by which the market price of the common stock on the date of exercise exceeded the exercise price by (ii) the number of shares for which the options were exercised.

Pension Benefits

The Company does not sponsor a tax-qualified defined benefit retirement plan or a supplemental executive retirement plan.

Nonqualified Deferred Compensation

The Company does not sponsor a nonqualified deferred compensation plan.

Equity Compensation Plan Information

The following table provides information as of December 31, 2007 with respect to the shares of the Company's Common Stock that may be issued under the Company's existing equity compensation plans. There are no outstanding options that the Company has assumed in connection with its acquisition of other companies, and there are currently no assumed plans under which the Company can grant options.

| Plan Category | Column (A) Number of Securities to be Issued Upon Exercise of Outstanding Options, Restricted Stock Units and Other Rights | Column (B) Weighted Average Exercise Price of Outstanding Options | Column (C) Number of Securities Remaining Available for Future Issuance Under Equity Compensation Plans (Excluding Securities Reflected in Column A) |
|--|---|--|---|
| Equity Compensation Plans Approved by Stockholders (1) | 4,850,973(2)(3) | \$ 8.01(4) | 4,699,698(5)(6) |
| Equity Compensation Plans Not Approved by Stockholders | 0 | N/A | 0 |
| Total | 4,850,973 | \$ 8.01 | 4,699,698 |

- (1) Consists of the 2004 Stock Incentive Plan and the 2000 Employee Stock Purchase Plan.
- (2) Includes 100,000 shares subject to restricted stock units that will entitle the holder to one share of Common Stock for each unit that vests over the holder's period of continued service with the Company.
- (3) Excludes purchase rights accruing under the Company's 2000 Employee Stock Purchase Plan, which has an initial stockholder-approved reserve of 400,000 shares. Under the Purchase Plan, each eligible employee may purchase up to 2,000 shares of Common Stock at semi-annual intervals on the last U.S. business day of April and October each year at a purchase price per share equal to 85% of the lower of (i) the closing selling price per share of Common Stock on the employee's entry date into the two-year offering period in which that semi-annual purchase date occurs or (ii) the closing selling price per share on the semi-annual purchase date.
- (4) The calculation does not take into account the 100,000 shares of Common Stock subject to outstanding restricted stock units. Such shares will be issued at the time the restricted stock units vest, without any cash consideration payable for those shares.
- (5) Consists of shares available for future issuance under the 2000 Employee Stock Purchase Plan and the 2004 Stock Incentive Plan. As of December 31, 2007, 1,608,030 shares of Common Stock were available for issuance under the Employee Stock Purchase Plan, and 3,091,668 shares of Common Stock were available for issuance under the 2004 Stock Incentive Plan. The 3,091,668 shares available for issuance under the 2004 Stock Incentive Plan may be issued upon the exercise of stock options or stock appreciation rights granted under discretionary grant and automatic option grant programs, or those shares may be issued under the stock issuance program as stock bonuses or pursuant to restricted stock awards or restricted stock units which vest upon the attainment of prescribed performance milestones or the completion of designated service periods.
- (6) The number of shares of Common Stock available for issuance under the Employee Stock Purchase Plan will automatically increase on the first trading day of the second quarter each year by the amount equal to 1% of the total number of shares of Common Stock outstanding on the last trading day of the immediately preceding first quarter, up to a maximum annual increase of 600,000 shares. The number of shares of Common Stock available for issuance under the 2004 Stock Incentive Plan will automatically increase on the first trading day of January each calendar year by an amount equal to 3% of the total number of shares of Common Stock outstanding on the last trading day of

December in the immediately preceding calendar year, up to a maximum annual increase of 1,750,000 shares.

Employment Contracts and Change in Control Arrangements

In May 1997 we entered into an employment agreement with Edward O. Lanphier II, our President and Chief Executive Officer. Under the terms of the agreement, Mr. Lanphier will receive an annual base salary and potential for a cash bonus, each in an amount or at a rate determined annually by the Compensation Committee. In the event Mr. Lanphier terminates his employment due to a material reduction of his duties and responsibilities, a reduction in his base salary by more than 5% (except pursuant to certain pay reductions uniformly applied to the Company's management) or a relocation of his principal place of employment to a location more than 40 miles from his home, or in the event Mr. Lanphier is terminated by the Company without cause, he will be entitled to receive the following severance benefits: (i) twelve months of salary continuation, (ii) a pro-rated bonus for the year in which such termination occurs, and (iii) continued health care coverage at the Company's expense for a period of twelve months. Upon a change in control of the Company, Mr. Lanphier will be entitled to receive an immediate lump sum payment equal to (i) twelve months of base salary and (ii) a pro-rated bonus for the year in which such change in control occurs, and all of Mr. Lanphier's outstanding stock options will vest in full, and such options will remain exercisable for all the option shares for a three-year period measured from the date of the change of control or (if later), his termination date, but in no event will any such option remain exercisable following the expiration of the maximum option term. Upon the termination of Mr. Lanphier's employment following such a change in control, he will not be entitled to any severance benefits other than continued health care coverage at the Company's expense for a period of twelve months.

On November 30, 2007, we entered into an employment agreement with H. Ward Wolff, our Executive Vice President and Chief Financial Officer. Pursuant to the terms of the agreement, Mr. Wolff's annual base salary is set at \$350,000, subject to adjustment by the Compensation Committee from time to time, and he is eligible to receive a bonus of up to 40% of his base salary each calendar year, beginning with the 2008 calendar year. However, the bonus will be payable only upon the achievement of specific performance criteria to be established by the Compensation Committee. If the Company terminates Mr. Wolff's employment without cause, or Mr. Wolff terminates his employment for good reason, within 12 months following a change in control and he executes a general release of all claims in favor of the Company, then Mr. Wolff will receive a severance payment equal to his annual base salary in effect on his termination date plus his target bonus for the year in which such termination occurs, continued health care coverage at the Company's expense for up to twelve months and all of Mr. Wolff's outstanding equity awards will become vested on an accelerated basis. Such severance payment will be paid in equal monthly installments over a twelve month period following his termination date. If the Company terminates Mr. Wolff's employment without cause, or Mr. Wolff terminates his employment for good reason, in the absence of a change in control or more than 12 months after a change in control and he executes a general release of all claims in favor of the Company, then Mr. Wolff will receive salary continuation payments for a twelve month period following his termination date at his rate of base salary in effect on his termination date and continued health care coverage at the Company's expense for up to twelve months.

In connection with Mr. Wolff's appointment as Executive Vice President and Chief Financial Officer, the Company has amended the existing stock options for 60,000 shares that he received in connection with his service as a non-employee Board member so that those options will remain outstanding and continue to vest during his continued service as an employee of the Company or as a consultant. These options will also vest on an accelerated basis should Mr. Wolff's service with the Company terminate by reason of death or permanent disability or upon certain changes in control of the Company.

The Compensation Committee of the Board of Directors, as the administrator of the 2004 Plan, has the authority to provide that any outstanding options held by the Chief Executive Officer or any other executive officer or any other unvested equity award made to such individual under the 2004 Plan will vest on an accelerated basis in connection with certain changes in control of the Company or the subsequent termination of the officer's employment following the change in control event. In addition, all outstanding options and restricted

stock units under the Company's 2004 Plan will immediately vest upon a change in control, to the extent not

assumed or continued in effect by the successor entity or replaced with a cash retention program which preserves the intrinsic value of the award at that time and provides for the subsequent vesting and payout of that value in accordance with the pre-existing vesting schedules for those awards.

Quantification of Benefits

The chart below quantifies the payments both Mr. Lanphier and Mr. Wolff would have each received had their employment terminated on December 31, 2007 in the absence of a change in control of the Company but under circumstances entitling them to severance benefits under their employment agreements:

| Name | Salary Continuation | Pro Rated Bonus | COBRA |
|-----------------------|---------------------|-----------------|-----------|
| Edward O. Lanphier II | \$ 475,000 | \$ 215,000 | \$ 20,388 |
| H. Ward Wolff | \$ 350,000 | | \$ 20,388 |

The chart below quantifies the payments Mr. Lanphier would be entitled to receive pursuant to his employment agreement upon a change in control of the Company in which his outstanding equity awards are assumed or otherwise continued in effect. For purposes of quantifying the payments, the change in control is assumed to have occurred on December 31, 2007 and the change in control consideration paid per share of outstanding Common Stock is assumed to be equal to the closing selling price per share of Common Stock on December 31, 2007, which was \$13.02 per share.

| Name | Cash Payment | Accelerated Equity |
|-----------------------|---------------|--------------------|
| Edward O. Lanphier II | \$ 690,000(1) | \$ 5,427,743(2) |

- (1) Represents 12 months base salary at the annual rate of \$475,000 and a bonus component in the amount of \$215,000.
- (2) Represents (i) the intrinsic value of the option shares vesting on an accelerated basis on December 31, 2007 (calculated by multiplying (a) the aggregate number of option shares which vest on such an accelerated basis by (b) the amount by which the \$13.02 closing selling price per share of Common Stock exceeds the option exercise price), plus (ii) the value of the extension of the option term of all outstanding options held by Mr. Lanphier on December 31, 2007 from 90 days to three years, determined on the basis of the Black-Scholes option pricing model, in accordance with the provisions of SFAS 123R. For a discussion of valuation assumptions used in the SFAS 123(R) calculations, see Note 2 of Notes to Consolidated Financial Statements, included in the Company's Annual Report on Form 10-K filed with the Securities and Exchange Commission on March 3, 2008.

The chart below quantifies the payment Mr. Wolff would be entitled to receive with respect to the 60,000-share option he received in connection with his service as a non-employee Board member should a change in control of the Company occur during his period of employment with the Company. For purposes of quantifying such payment, the change in control is assumed to have occurred on December 31, 2007 and the change in control consideration paid per share of outstanding Common Stock is assumed to be equal to the closing selling price per share of Common Stock on December 31, 2007, which was \$13.02 per share.

| Name | Accelerated Equity |
|---------------|--------------------|
| H. Ward Wolff | \$ 160,950(1) |

- (1) Represents the intrinsic value of the option shares vesting on an accelerated basis on December 31, 2007 (calculated by multiplying (a) the aggregate number of option shares which vest on such an accelerated basis by (b) the amount by which the \$13.02 closing selling price per share of Common Stock exceeds the option exercise price).

The chart below quantifies the value of the accelerated equity the named executive officers are entitled to receive upon a change in control of the Company in which outstanding equity awards are not assumed or otherwise continued in effect. For purposes of quantifying the payments, the change in control is assumed to have occurred on December 31, 2007 and the change in control consideration paid per share of outstanding Common Stock is assumed to be equal to the closing selling price per share of Common Stock on December 31, 2007, which was \$13.02 per share.

| Name | Accelerated Equity (1) |
|-----------------------------|------------------------|
| Edward O. Lanphier II | \$ 5,427,743(2) |
| H. Ward Wolff | \$ 160,950 |
| Dale G. Ando, M.D. | \$ 817,860 |
| Philip D. Gregory, D. Phil. | \$ 545,941 |
| David Ichikawa | \$ 637,500 |
| Gregory S. Zante | \$ 494,400 |

- (1) Represents the intrinsic value of each stock option or other equity award vesting on an accelerated basis in connection with a change in control on December 31, 2007, and is calculated by multiplying (i) the aggregate number of shares which vest on an accelerated basis by (ii) the amount by which the \$13.02 closing selling price per share of Common Stock exceeds the exercise price or other price payable per vested share.
- (2) For Mr. Lanphier, the reported amount also includes the value of the extension of the option term of all his outstanding options from 90 days to three years, determined on the basis of the Black-Scholes option pricing model, in accordance with the provisions of SFAS 123R. The chart below quantifies the payments Mr. Lanphier and Mr. Wolff would each have received had their employment terminated on December 31, 2007 following a change in control under circumstances entitling them to severance benefits under their employment agreements:

| Name | Salary Continuation | Pro Rated Bonus | Accelerated Vesting of Equity Awards | COBRA |
|-----------------------|---------------------|-----------------|--------------------------------------|-----------|
| Edward O. Lanphier II | | | | \$ 20,388 |
| H. Ward Wolff | \$ 350,000 | | \$ 160,950(1) | \$ 20,388 |

- (1) Represents the intrinsic value of the shares vesting on an accelerated basis on December 31, 2007 as a result of the termination of his employment (calculated by multiplying (a) the aggregate number of shares which vest on such an accelerated basis by (b) the amount by which the \$13.02 closing selling price per share of Common Stock exceeds the exercise or purchase price, if any).

Board Compensation Committee Report on Executive Compensation

The Compensation Committee has reviewed and discussed the Compensation Discussion and Analysis contained in this proxy statement with management, and based on such review and such discussions, the Compensation Committee recommended to the Board of Directors that the Compensation Discussion and Analysis, as contained herein, be included in this proxy statement.

Submitted by the Compensation

Committee of the Board of Directors

Dr. Gerber

Dr. Liu

Mr. Larson

Board Audit Committee Report

The information contained in this report shall not be deemed to be soliciting material or to be filed with the Securities and Exchange Commission, nor shall such information be incorporated by reference into any future filings with the Securities and Exchange Commission, or subject to the liabilities of Section 18 of the Securities Exchange Act of 1934, as amended, except to the extent that the Company specifically incorporates it by reference into a document filed under the Securities Act of 1933, as amended, or Securities Exchange Act of 1934, as amended.

The following is the report of the Audit Committee with respect to the Company's audited financial statements for the year ended December 31, 2007, included in the Annual Report on Form 10-K for that year.

The Audit Committee has reviewed and discussed the audited financial statements for the year ended December 31, 2007 with the management of the Company.

The Audit Committee has discussed with Sangamo's independent registered public accounting firm, Ernst & Young LLP, the matters required to be discussed by SAS 61 (Codification of Statements on Auditing Standards, AU Section 380), as amended, which include, among other items, matters related to the conduct of the audit of Sangamo's financial statements.

The Audit Committee has received the written disclosures and the letter from Ernst & Young LLP required by Independence Standards Board Standard No. 1, as amended, and has discussed with Ernst & Young LLP the independence of Ernst & Young LLP from Sangamo.

Based on the review and discussions referred to above in this report, the Audit Committee recommended to Sangamo's Board of Directors that the audited financial statements be included in Sangamo's Annual Report on Form 10-K for the year ended December 31, 2007 for filing with the Securities and Exchange Commission.

Submitted by the Audit Committee of the

Board of Directors

Mr. Wood

Dr. Mento

Dr. Gerber

CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS

Compensation Committee Interlocks and Insider Participation

Mr. Larson, a Director, is also a partner at Morgan, Lewis & Bockius LLP, Sangamo's legal counsel.

In addition to the indemnification provisions contained in Sangamo's Restated Certificate of Incorporation and Bylaws, Sangamo has entered into separate indemnification agreements with each of its directors and officers containing provisions which may require Sangamo, among other things, to indemnify them against certain liabilities that may arise by reason of their status or service as officers or directors.

Policies and Procedures

Consistent with the requirement under NASDAQ stock market rules, the Audit Committee of the Board of Directors is responsible for reviewing and approving all related party transactions as defined under Securities and

Exchange Commission rules and regulations. While we do not have a formal written policy or procedure for the review, approval or ratification of related party transactions, the audit committee must review the material facts of any such transaction and approve that transaction.

To identify related party transactions, each year we submit and require our directors and officers to complete director and officer questionnaires identifying transactions with the Company in which the director or officer or their family members have a conflict of interest. The Company reviews the questionnaire for potential related party transactions. In addition, at meetings of the audit committee, management may recommend related party transactions to the committee, including the material terms of the proposed transactions, for its consideration. In making its decision to approve or ratify a related party transaction, the audit committee will consider all relevant facts and circumstances available to the committee, including factors such as the aggregate value of the transaction, whether the terms of the related party transaction are no less favorable than terms generally available in an arms length transaction and the benefit of such transaction to us.

SECTION 16(a) BENEFICIAL OWNERSHIP REPORTING COMPLIANCE

The members of the Board of Directors, the executive officers of Sangamo and persons who beneficially own more than ten percent of the outstanding Common Stock are subject to the reporting requirements of Section 16 of the Securities Exchange Act of 1934, as amended, which require them to file reports with respect to their ownership of the Common Stock and their transactions in such Common Stock. Based upon (i) the copies of Section 16 reports which Sangamo received from such persons for their 2007 year transactions in the Common Stock and their Common Stock holdings, and (ii) written representation that no other reports were required, Sangamo believes that all reporting requirements under Section 16 for such year were met in a timely manner by its directors, executive officers and greater than ten percent beneficial owners.

The Company's Annual Report on Form 10-K for the year ended December 31, 2007 has been mailed concurrently with the mailing of the Notice of Annual Meeting and Proxy Statement to all stockholders entitled to notice of and to vote at the Annual Meeting. The Annual Report on Form 10-K is not incorporated into this Proxy Statement and is not considered proxy soliciting material.

THE BOARD OF DIRECTORS OF

SANGAMO BIOSCIENCES, INC.

Dated: April 29, 2008

SANGAMO BIOSCIENCES, INC.**AMENDED AND RESTATED CHARTER OF THE AUDIT COMMITTEE OF THE BOARD OF DIRECTORS****I. Purpose**

The Audit Committee (the **Committee**) of the Board of Directors (the **Board**) of Sangamo BioSciences, Inc. (the **Company**) is appointed by the Board to assist in fulfilling certain of the Board's oversight responsibilities. The Committee's purposes shall be:

- A. To assist the Board in its oversight of (1) the integrity of the Company's financial statements; (2) the risk management and internal controls of the Company; and (3) the Company's compliance with legal and regulatory requirements; and
- B. To interact directly with and evaluate the performance of the independent auditors, including to determine whether to engage or dismiss the independent auditors and to monitor the independent auditors' qualifications and independence.

The role of the Committee is oversight. The members of the Committee are not full-time employees of the Company and may or may not be accountants or auditors by profession or experts in the fields of accounting or auditing and, in any event, do not serve in such capacity. It is not the duty of the Committee (a) to plan or conduct audits, (b) to independently verify management's representations, or (c) to determine that the Company's financial statements are complete and accurate, are prepared in accordance with generally accepted accounting principles (GAAP), or fairly present the financial condition, results of operations, and cash flows of the Company in accordance with GAAP. These are the responsibilities of management and the independent auditors.

II. Membership

- A. The Committee shall be composed of at least three directors, each of whom must be independent. The members of the Committee shall satisfy the independence and experience requirements, including the financial literacy and expertise requirements, as determined pursuant to applicable law or regulations established by the Securities and Exchange Commission (the **SEC**) or rules of the Nasdaq Stock Market, Inc. In addition, members of the Committee must also satisfy the independence requirements under Section 10A(m)(3) of the Securities Exchange Act of 1934, as amended, and Rule 10A-3(b)(1) thereunder.
- B. All members of the Committee must be able to read and understand financial statements. At least one member shall have accounting or related financial management expertise. To the extent possible, at least one member of the Committee shall be an audit committee financial expert as that term is defined by the SEC.
- C. The members of the Committee shall be nominated by the Nominating and Corporate Governance Committee and appointed by a majority of the Board for one-year terms. The Nominating and Corporate Governance Committee shall recommend, and the Board shall designate, one member of the Committee to serve as Chairperson. The members of the Committee shall serve until their resignation, retirement, or removal by the Board and until their successors shall be appointed. No member of the Committee shall be removed except by majority vote of the independent directors of the full Board then in office.

III. Meetings and Procedures

- A.

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The Committee shall meet as often as it may deem necessary and appropriate in its judgment. A majority of the members of the Committee shall constitute a quorum.

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- B. The Committee shall meet with the independent auditors and management in separate meetings, as often as it deems necessary and appropriate in its judgment.
- C. The Chairperson of the Committee or a majority of the members of the Committee may call a special meeting of the Committee.
- D. The Committee may request that any directors, officers, or employees of the Company, or other persons whose advice and counsel are sought by the Committee, attend any meeting to provide such information as the Committee requests.
- E. The Committee shall fix its own rules of procedure, which shall be consistent with the bylaws of the Company and this Charter.
- F. The Committee shall keep written minutes of its meetings, which minutes shall be maintained with the books and records of the Company.
- G. The Committee may delegate authority to one or more members of the Committee where appropriate, but no such delegation shall be permitted if the authority is required by law, regulation, or listing standard to be exercised by the Committee as a whole.
- H. The Committee shall have the authority to obtain advice and assistance from internal and external legal, accounting, and other advisors, and the Company shall provide appropriate funding for the Committee to retain any such advisors without requiring the Committee to seek Board approval.

IV. Duties and Responsibilities

- A. Financial Reporting Process
 - 1. The Committee shall review and discuss with management and the independent auditors the annual audited financial statements to be included in the Company's annual report on Form 10-K, the quarterly financial statements to be included in the Company's quarterly reports on Form 10-Q, the Company's disclosures under Management's Discussion and Analysis of Financial Condition and Results of Operations, and any other financial disclosures to be included in SEC filings prior to their release. The Committee shall review major issues regarding accounting principles and financial statement presentations.
 - 2. The Committee shall recommend to the Board whether the audited financial statements should be included in the Company's annual report on Form 10-K.
 - 3. The Committee shall review earnings press releases prior to their release, as well as the type of financial information and earnings guidance and the type of presentation to be provided to analysts and rating agencies.
 - 4. The Committee shall prepare the Committee report required by the rules of the SEC to be included in the Company's annual proxy statement.
- B. Risks and Control Environment

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1. The Committee shall discuss periodically with management the Company's risk management policies and procedures and system of internal controls.
2. The Committee shall review periodically the Company's Code of Business Conduct and Ethics, and shall have the authority to grant waivers of it to the Company's directors and executive officers.
3. The Committee shall oversee the Company's disclosure controls and procedures, including internal control over financial reporting, and, where applicable, shall oversee changes in internal control over financial reporting intended to address any significant deficiencies or material

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weaknesses in the design or operation of internal control and any fraud involving management or other employees that is reported to the Committee. In addition, the Committee shall review and discuss the annual report of management on the effectiveness of the Company's internal control over financial reporting and the independent auditors' report on, and attestation of, such management report, to the extent those reports are required by SEC rules.

C. Independent Auditors

1. The Committee shall have the sole authority to retain, set compensation and retention terms for, terminate, oversee, and evaluate the activities of the Company's independent auditors. The independent auditors shall report directly to the Committee. The Company shall provide for appropriate funding, as determined by the Committee, for payment of compensation to the independent auditors.
2. The Committee shall review and approve in advance the retention of the independent auditors for the performance of all audit and non-audit services that are not prohibited and the fees for such services. Pre-approval of audit and non-audit services that are not prohibited may be pursuant to appropriate policies and procedures established by the Committee for the pre-approval of such services, including through delegation of authority to a member of the Committee. Any service that is approved pursuant to a delegation of authority to a member of the Committee must be reported to the full Committee at its next scheduled meeting.
3. The Committee shall, at least annually, obtain and review a written report by the independent auditors describing all relationships between the auditing firm and the Company, consistent with Independent Standards Board No. 1, and shall actively engage in a dialogue with the independent auditors about any relationships between the auditing firm and the Company or any services that the auditing firm provides or proposes to provide that may impact upon the objectivity and independence of the independent auditors and shall take or recommend that the Board take any appropriate action to oversee the independence of the independent auditors.
4. The Committee shall review periodically any reports prepared by the independent auditors and provided to the Committee relating to, among other things, the Company's critical accounting policies and practices; alternative treatments within generally accepted accounting principles for policies and practices relating to material items that have been discussed with management, including the ramifications of the use of such alternative disclosures and treatments and the treatment preferred by the independent auditors; and any other material written communications between the independent auditors and management, such as any management letter or schedule of unadjusted differences.
5. The Committee shall discuss with the independent auditors any audit problems or difficulties, including any restrictions on the scope of the independent auditors' activities or on access to requested information, management's response to same, and any other matters required to be brought to its attention under auditing standards (*e.g.*, SAS 61), and shall resolve any disagreements between the independent auditors and management.
6. The Committee shall annually review the effectiveness and objectivity of the Company's independent auditors.
7. The Committee shall set clear policies for the hiring by the Company of employees or former employees of the independent auditors.

D. Other Matters

- 1.

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The Committee shall establish procedures for the approval of all related-party transactions involving executive officers and directors.

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2. The Committee shall establish procedures for (i) the receipt, retention, and treatment of complaints received by the Company regarding accounting, internal accounting controls, or auditing matters, and (ii) the confidential, anonymous submission by Company employees of concerns regarding questionable accounting or auditing matters.

3. The Committee shall review and assess the adequacy of this Charter annually and recommend any proposed changes to the Board for its approval.

4. The Committee shall perform any other activities consistent with this Charter, the Company's Amended and Restated Certificate of Incorporation, the Company's bylaws, and governing law, as the Committee or the Board may deem necessary or appropriate.

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SANGAMO BIOSCIENCES, INC.

CHARTER OF THE NOMINATING AND CORPORATE GOVERNANCE COMMITTEE OF THE BOARD OF DIRECTORS

I. Purpose

THE NOMINATING AND CORPORATE GOVERNANCE COMMITTEE (THE COMMITTEE) OF THE BOARD OF DIRECTORS (BOARD) OF SANGAMO BIOSCIENCES, INC. (THE COMPANY) IS APPOINTED BY OF THE BOARD TO ASSIST IN FULFILLING CERTAIN OF THE BOARD S OVERSIGHT RESPONSIBILITIES. THE COMMITTEE S PURPOSES SHALL BE:

- A. To recommend to the Board the composition and operations of the Board;
- B. To identify individuals qualified to serve as members of the Board, and to identify and recommend that the Board select the director nominees for the next annual meeting of stockholders and to fill vacancies; and
- C. To recommend to the Board the responsibilities of each Board committee, the composition and operation of each Board committee, and the director nominees for assignment to each Board committee.

II. Membership

- A. The Committee shall be composed of at least three directors, each of whom must be independent, as determined pursuant to applicable rules of the Nasdaq Stock Market, Inc.
- B. The members of the Committee shall be designated and approved by a majority of the whole Board and shall serve for one-year terms. The Committee shall recommend, and the Board shall designate, one member of the Committee to serve as Chairperson. The members of the Committee shall serve until their resignation, retirement, or removal by the Board or until their successors shall be appointed. No member of the Committee shall be removed except by majority vote of the independent directors of the full Board then in office.

III. Meetings and Procedures

- A. The Committee shall meet as often as it may deem necessary and appropriate in its judgment. A majority of the members of the Committee shall constitute a quorum.
- B. The Chairperson of the Committee or a majority of the members of the Committee may call a special meeting of the Committee.
- C. The Committee may delegate authority to one or more members of the Committee when appropriate, but no such delegation shall be permitted if the authority is required by law, regulation, or listing standard to be exercised by the Committee as a whole.

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- D. The Committee may request that any directors, officers, or employees of the Company, or other persons whose advice and counsel are sought by the Committee, attend any meeting to provide such information as the Committee requests.
- E. The Committee shall fix its own rules of procedure, which shall be consistent with the bylaws of the Company and this Charter.
- F. The Committee shall keep written minutes of its meetings, which minutes shall be maintained with the books and records of the Company.

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IV. Duties and Responsibilities

THE COMMITTEE SHALL HAVE THE FOLLOWING DUTIES AND RESPONSIBILITIES:

A. Board Size and Composition

1. Consider and recommend to the Board the appropriate size and the needs of the Board. The Committee shall determine what types of backgrounds, skills, and attributes of Board members are needed to help strengthen and balance the Board. Periodically, the Committee shall determine the qualifications for nominees for election to the Board.
2. Have the sole authority, and necessary funding, to retain, set compensation and retention terms for, and terminate any search firm to be used to identify director candidates.
3. Evaluate and recommend to the Board the slate of nominees for directors to be elected by the stockholders at the Company's next annual meeting of stockholders and, where applicable, to be appointed to fill vacancies. The Committee shall give the same consideration to candidates for director nominees recommended by Company stockholders as those candidates recommended by others. The Committee shall implement the Board's procedures for consideration of stockholder recommendations.
4. Oversee the establishment of the Board's policies and procedures for stockholder communications with the Board.

B. Board Committees

1. Recommend to the Board the responsibilities of the Board committees, including each committee's composition, operations, and authority to delegate to subcommittees.
2. Evaluate and recommend to the Board those directors to be appointed to the various Board committees, including the persons recommended to serve as chairperson of each committee.

C. General Corporate Governance Matters

1. Recommend general matters for consideration by the Board, which may include: (i) the structure of Board meetings, including recommendations for the improvement of such meetings, and the timeliness and adequacy of the information provided to the Board prior to such meetings; (ii) director retirement policies; (iii) director and officer insurance policy requirements; (iv) policies regarding the number of boards on which a director may serve; (v) director orientation and training; and (vi) the roles of the Company's executive officers and the outside directorships of such executives.
2. Consult with the CEO, as appropriate, and other Board members to ensure that its decisions are consistent with the sound relationship between and among the Board, Board committees, individual directors, and management.
3. Review and reassess the adequacy of this Charter annually and recommend any proposed changes to the Board for its approval.

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4. Perform any other activities consistent with this Charter, the Company's Amended and Restated Certificate of Incorporation, the Company's bylaws, and governing law, as the Committee or the Board deems necessary or appropriate.

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Electronic Voting Instructions

You can vote by Internet or telephone!

Available 24 hours a day, 7 days a week!

Instead of mailing your proxy, you may choose one of the two voting methods outlined below to vote your proxy.

VALIDATION DETAILS ARE LOCATED BELOW IN THE TITLE BAR.

Proxies submitted by the Internet or telephone must be received by 1:00 a.m., Central Time, on June 4, 2008.

Vote by Internet

Log on to the Internet and go to

www.investorvote.com/SGMO

Follow the steps outlined on the secured website.

Vote by telephone

Call toll free 1-800-652-VOTE (8683) within the

United States, Canada & Puerto Rico any time

on a touch tone telephone. There is **NO**

CHARGE to you for the call.

Follow the instructions provided by the recorded

message.

Using a **black ink** pen, mark your votes with an **X** as shown in this example. Please do not write outside the designated areas. **X**

Q IF YOU HAVE NOT VOTED VIA THE INTERNET OR TELEPHONE, FOLD ALONG THE PERFORATION, DETACH AND RETURN THE BOTTOM PORTION IN THE ENCLOSED ENVELOPE. Q

A Proposals The Board of Directors recommends a vote **FOR** all the nominees listed and **FOR** Proposal 2.

1. To elect seven directors to serve for the ensuing year until their successors are duly elected and qualified or until earlier death or resignation:

Nominees:

| | For | Withhold | | For | Withhold | | For | Withhold | + |
|-----------------------------|-----|----------|------------------------------|-----|----------|------------------------|-----|----------|---|
| 01 - Edward O. Lanphier, II | .. | .. | 02 - William G. Gerber, M.D. | .. | .. | 03 - John W. Larson | .. | .. | |
| 04 - Margaret A. Liu, M.D. | .. | .. | 05 - Steven J. Mento, Ph.D. | .. | .. | 06 - Thomas G. Wiggans | .. | .. | |
| 07 - Michael C. Wood | .. | .. | | | | | | | |

2. To ratify the Appointment of Ernst & Young LLP as Independent Auditors for the fiscal year ended December 31, 2008.

| | | |
|------------|----------------|----------------|
| For | Against | Abstain |
| .. | .. | .. |

B Non-Voting Items

Change of Address Please print new address below.

**M e e t i n g
Attendance**

Mark box to the right if ..

you plan to attend the

Annual Meeting.

C Authorized Signatures This section must be completed for your vote to be counted. **Date and Sign Below**

NOTE: PLEASE SIGN EXACTLY AS NAME APPEARS HEREON. JOINT OWNERS SHOULD EACH SIGN. WHEN SIGNING AS ATTORNEY, EXECUTOR, ADMINISTRATOR, TRUSTEE OR GUARDIAN, GIVE FULL NAME AND TITLE AS SUCH.

Date (mm/dd/yyyy) Please print date below.

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Signature 1 Please keep signature within the box.

Signature 2 Please keep signature within the box.

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**q IF YOU HAVE NOT VOTED VIA THE INTERNET OR TELEPHONE, FOLD ALONG THE PERFORATION, DETACH AND RETURN THE
BOTTOM PORTION IN THE ENCLOSED ENVELOPE. q**

Proxy Sangamo BioSciences, Inc.

PROXY SOLICITED BY THE BOARD OF DIRECTORS

FOR THE ANNUAL MEETING OF STOCKHOLDERS, JUNE 4, 2008

The undersigned hereby appoints Edward O. Lanphier II and H. Ward Wolff and each of them, as proxies of the undersigned, with full power of substitution, to vote all shares of Sangamo BioSciences, Inc. Common Stock which the undersigned is entitled to vote on all matters which may properly come before the 2008 Annual Meeting of Stockholders of Sangamo BioSciences, Inc., to be held at 501 Canal Boulevard, Suite A100, Richmond, California 94804 on June 4, 2008 at 9:00 a.m. or at any postponement or adjournment thereof.

THE SHARES REPRESENTED BY THIS PROXY CARD WILL BE VOTED AS SPECIFIED ON THE REVERSE SIDE, BUT IF NO SPECIFICATION IS MADE THEY WILL BE VOTED FOR ITEMS 1 AND 2 AND AT THE DISCRETION OF THE PROXY ON ANY OTHER MATTER THAT MAY PROPERLY COME BEFORE THE MEETING.

(SEE PROXY STATEMENT FOR DISCUSSION OF ITEMS)

PLEASE SIGN, DATE AND RETURN PROMPTLY IN THE ACCOMPANYING ENVELOPE.

CONTINUED AND TO BE SIGNED ON REVERSE SIDE