

**STANFORD UNIVERSITY
SCHOOL OF MEDICINE**



**Convocation
Saturday, June 12, 2004**

CONVOCATION CEREMONY

PROCESSIONAL

INVOCATION

Joanne Sanders, M.Div., M.S.
Associate Dean of Religious Life
Stanford University

WELCOME

Philip A. Pizzo, M.D.
Dean, School of Medicine

Ross Bright, M.D.
Associate Dean for Alumni Affairs

ADDRESSES TO THE GRADUATES

Kristin Clague Reihman
2004 Graduating Class in Medicine

Cris Myers Niell
2004 Graduating Class in Neurosciences

Paul Michael Glaser, M.A.
Honorary Chairman
The Elizabeth Glaser Pediatric AIDS Foundation

Recognition of Faculty Awards

The Arthur L. Bloomfield Award In Recognition of Excellence in the Teaching of Clinical Medicine

Steven Guest, Medicine
Barry Rosen, Addiction Medicine
Myer Rosenthal, Anesthesia

The Henry J. Kaiser Family Foundation Award For Outstanding and Innovative Contributions to Medical Education

Julie Parsonnet, Medicine and Health Research and Policy

The Henry J. Kaiser Family Foundation Award For Excellence in Preclinical Teaching

Neil Gesundheit, Medicine
Gregory Gilbert, Surgery
John Gosling, Surgery
Elliott Wolfe, Medicine

The Henry J. Kaiser Foundation Award For Excellence in Clinical Teaching

Thomas Krummel, Surgery
Barry Rosen, Addiction Medicine
Myer Rosenthal, Anesthesia

The Franklin G. Ebaugh, Jr. Award For Advising Medical Students

Theodore Sectish, Pediatrics

The Lance Armstrong Foundation Compassion in Medicine Award

Lars Osterberg, Medicine

The Alwin C. Rambar - James B. D. Mark Award for Excellence in Patient Care

Lorry R. Frankel, Pediatrics

Stanford University School of Medicine Award for Graduate Teaching

W. James Nelson, Molecular and Cellular Physiology

Stanford University School of Medicine Award for Outstanding Service to Graduate Students

W. James Nelson, Molecular and Cellular Physiology

PRESENTATION OF DIPLOMAS*

**DOCTOR OF MEDICINE
THE STANFORD AFFIRMATION**
FOR RECIPIENTS OF THE M.D. DEGREE**



MASTER OF SCIENCE



DOCTOR OF PHILOSOPHY



BENEDICTION

Associate Dean Joanne Sanders



RECESSIONAL

(AUDIENCE TO REMAIN SEATED DURING RECESSIONAL)

** Degree recipients accurate as of May 26, 2004*

*** See last page of program.*

DOCTOR OF MEDICINE

Hagop Manuel Afarian

University of California at San Francisco
Fresno, CA • Emergency Medicine

Shonul Manti Agarwal

University of California at San Francisco
Medical Center
San Francisco, CA • Pediatrics

Anna Claire Battat

New York Presbyterian Hospital - Cornell
New York, NY • General Surgery

David Reuben Berk

Stanford Hospital and Clinics
Stanford, CA • Medicine - Preliminary
Barnes-Jewish Hospital –
Washington University
St. Louis, MO • Dermatology

Wendy McNear Beyer

Memorial Hospital of Rhode Island
Pawtucket, RI • Family Practice

David Pierre Beynet

Alameda County Medical Center
Oakland, CA • Transitional
University of California at Los Angeles
Medical Center
Los Angeles, CA • Dermatology

Chaya Guha Bhuvaneshwar

Massachusetts General Hospital
Boston, MA • Psychiatry

Subarna Biswas

University of Pittsburgh Medical Center
Education Program
Pittsburgh, PA • General Surgery

Isaac Bright

Harvard University School of Business
Cambridge, MA

Duane Campbell

Kaiser Permanente Medical Center
Santa Clara, CA • Medicine – Preliminary
Stanford Hospital and Clinics
Stanford, CA • Neurology

Sarah Nicole Carranza

San Jose Medical Center
San Jose, CA • Family Practice

Keith Chan

New York University – Hospital for
Joint Diseases
New York, NY • Orthopaedic Surgery

Edgar Alexander Chavez

White Memorial Medical Center
Los Angeles, CA • Family Practice

Swaine Chen

Postdoctoral Fellow – Molecular
Microbiology
Washington University
St. Louis, MO

Nam Kyoung Cho

Santa Clara Valley Medical Center
San Jose, CA • Transitional
Stanford Hospital and Clinics
Stanford, CA • Radiation Oncology

Paul Han-Bae Choi

Kaiser Permanente Medical Center
Oakland, CA • Medicine - Preliminary
New York Presbyterian
University Hospital of Columbia and Cornell
New York, NY • Psychiatry

F. Landon Clark

School of Public Health
University of California
Berkeley, CA

Kathleen Nugent Conroy

Boston Combined Pediatric Residency
Children's Hospital Boston
Boston, MA • Pediatric Primary Care

Brian K. Courtney

University of Toronto at Sunnybrook Hospital
Toronto, Ontario • Internal Medicine

Beverly Rodriguez Cox

San Mateo County Mental Health Services
San Mateo, CA • Psychiatry

Ralph Ambrose Crisostomo
Mayo Graduate School of Medicine
Rochester, MN • Physical Medicine &
Rehabilitation

Lukejohn Welch Day
University of California at San Francisco
Medical Center
San Francisco, CA • Internal Medicine

Kevin Christopher DeWalt
Stanford Hospital and Clinics
Stanford, CA • Internal Medicine

Paul DiDomenico
David Grant Medical Center
Travis Air Force Base, CA • Diagnostic
Radiology

Maximilian Diehn
Stanford Hospital and Clinics
Stanford, CA • Medicine – Preliminary
Stanford Hospital and Clinics
Stanford, CA • Radiation Oncology

Phillip Marks Ecker
Gundersen Lutheran
LaCrosse, WI • Transitional
Mayo Graduate School of Medicine
Rochester, MN • Dermatology

Jason Scott Ehrlich
Santa Clara Valley Medical Center
San Jose, CA • Transitional
Stanford Hospital and Clinics
Stanford, CA • Ophthalmology

Leandro Ariel Espinosa
Kaiser Permanente Medical Center
Santa Clara, CA • Medicine - Preliminary
University of Michigan Hospitals
Ann Arbor, MI • Diagnostic Radiology

Ellen Fan
St. Vincent Frankfort Hospital
Frankfort, IN • Family Practice

Sara Farr
Lenox Hill Hospital
New York, NY • Internal Medicine

Farinaz Farrahi
Kaiser Permanente Medical Center
Santa Clara, CA • Internal Medicine

Krista Terese Fielding
Stanford Hospital and Clinics
Stanford, CA • Psychiatry

Wendy Froehlich
Rhode Island Hospital – Brown University
Providence, RI • Pediatrics – Child Psychiatry

Michael Azmy Ghaly
San Mateo County Mental Health Services
San Mateo, CA • Psychiatry

Carlos Gonzalez
Tulane University School of Medicine
New Orleans, LA • Orthopaedic Surgery

Itamar Grunstein
Harbor – University of California at Los
Angeles Medical Center
Los Angeles, CA • Emergency Medicine

Ritu Gupta
University of California at San Francisco
Medical Center
San Francisco, CA • Family Practice

Cynthia Rebecca Harrington
Santa Clara Valley Medical Center
San Jose, CA • Transitional
University of Texas Southwestern
Medical School
Dallas, TX • Dermatology

Joanna Wagner Hatfield
University of Vermont
Fletcher Allen Health Care
Burlington, VT • Obstetrics & Gynecology

Michael Yen-Che Ho
Stanford Hospital and Clinics
Stanford, CA • Internal Medicine

Wendy Wai Szeto Ho
Stanford Hospital and Clinics
Stanford, CA • Psychiatry

Michael Douglas Hope

California Pacific Medical Center
 San Francisco, CA • Medicine - Preliminary
 University of California at San Francisco
 Medical Center
 San Francisco, CA • Diagnostic Radiology

Jerry Hsu

Duke University Medical Center
 Durham, NC • Internal Medicine

Farhad Bryan Imam

Boston Combined Pediatric Residency
 Children's Hospital Boston
 Boston, MA • Pediatrics

Christine C. Jacobson

Kaiser Permanente Medical Center
 Santa Clara, CA • Medicine - Preliminary
 Stanford Hospital and Clinics
 Stanford, CA • Dermatology

Brett Terry Jensen

Oregon Health Sciences University
 Portland, OR • Emergency Medicine

Paul Johnston

University of California at San Francisco
 Medical Center
 San Francisco, CA • Surgery - Preliminary

Brian Sun Kim

St. Mary's Medical Center
 San Francisco, CA • Medicine - Preliminary
 Stanford Hospital and Clinics
 Stanford, CA • Diagnostic Radiology

Kubinne Kim

Kaiser Permanente Medical Center
 Santa Clara, CA • Medicine - Preliminary
 Stanford Hospital and Clinics
 Stanford, CA • Dermatology

Jiang-Ti Kong

Massachusetts General Hospital
 Boston, MA • Medicine - Preliminary
 Stanford Hospital and Clinics
 Stanford, CA • Anesthesiology

Scott J. Kush

Consulting
 San Francisco, CA

Michelle Lai

Good Samaritan Regional Medical Center
 Phoenix, AZ • Transitional
 University of Arizona Affiliated Hospitals
 Tucson, AZ • Diagnostic Radiology

Omar Latif

Johns Hopkins Hospital
 Baltimore, MD • Internal Medicine

Isabel Demos Lee

University of California at San Francisco
 Medical Center
 San Francisco, CA • Family Practice

Gordon LeGrand

Albert Einstein College of Medicine –
 Montefiore Medical Center
 Bronx, NY • Psychiatry

Claudia Nuria Leiva

Kaiser Permanente Medical Center
 Santa Clara, CA • Obstetrics & Gynecology

Robert L. Lobato

Residency in Anesthesiology to Begin in 2005

Lisbeth Lopez

Yale-New Haven Hospital
 New Haven, CT • Medicine – Primary -
 Preliminary
 Massachusetts General Hospital
 Boston, MA • Anesthesiology

Dhara Mac Dermed

University of California at San Francisco
 Fresno, CA • Internal Medicine – Preliminary
 University of Chicago Hospitals
 Chicago, IL • Radiation Oncology

Anna Lilia Martinez

Alameda County Medical Center
 Oakland, CA • Transitional
 University of Southern California
 Health Sciences
 Los Angeles, CA • Anesthesiology

Brian David Milligan

Mayo Graduate School of Medicine
 Rochester, MN • Neurological Surgery

Rachel Molander

University of Wisconsin Hospital and Clinics
Madison, WI • Psychiatry

Michelle Leigh Monje

Stanford Hospital and Clinics
Stanford, CA • Medicine - Preliminary
Massachusetts General Hospital and Brigham
and Women's Hospital
Cambridge, MA • Neurology

Tonya Marie Nichols

Emory University School of Medicine
Atlanta, GA • Emergency Medicine

Natalie Michelle Pageler

Stanford Hospital and Clinics
Stanford, CA • Pediatrics

George Pappas

Massachusetts General Hospital
Boston, MA • Harvard Combined
Orthopaedics

³ **Ketan Hasmukhlal Patel**

Stanford Hospital and Clinics
Stanford, CA • Emergency Medicine

Soumya Raychaudhuri

Brigham & Women's Hospital
Boston, MA • Internal Medicine

Kristin Clague Reihman

Lehigh Valley Hospital
Allentown, PA • Family Practice

Nicholas Rubashkin

University of California at San Francisco
Medical Center
San Francisco, CA • Obstetrics & Gynecology

Ramin Saket

Stanford Hospital and Clinics
Stanford, CA • Surgery – Preliminary
University of California at
San Diego Medical Center
La Jolla, CA • Diagnostic Radiology
Department of Radiology
Norman Blank, M.D. Award

Rogelio S. Samorano

University of California at San Diego
Medical Center
La Jolla, CA • Psychiatry – Family Practice

Jaime Sanchez

Alameda County Medical Center
Oakland, CA • Transitional
Oregon Health Sciences University
Portland, OR • Anesthesiology

Peter Leif Schilling

Stanford Hospital and Clinics
Stanford, CA • General Surgery

George Christopher Scott

University of California at San Diego
Medical Center
La Jolla, CA • Internal Medicine

Leena Lazkshmi Shankar

Kaiser Permanente Medical Center
Woodland Hills, CA • Family Practice

Seema Sanzgiri Sinha

Stanford Hospital and Clinics
Stanford, CA • Internal Medicine

Malaika Sarit Stoll

Lehigh Valley Hospital
Allentown, PA • Family Practice

Andrew W. Suen

William Beaumont Hospital
Royal Oak, MI • Radiation Oncology

Adrian Jefferson Thomas

Hospital for Special Surgery
New York, NY • Orthopaedic Surgery

Emily Patricia Tierney

Corney Hospital
Dorchester, MA • Medicine - Preliminary
Brigham & Women's Hospital
Boston, MA • Anesthesiology

Stuart Yukio Tsuji

University of Hawaii
Honolulu, HI • Transitional
University of California at San Francisco
Medical Center
San Francisco, CA • Radiation Oncology

Glenn Abano Valenzuela

Cambridge Health Alliance
Cambridge, MA • Transitional
Stanford Hospital and Clinics
Stanford, CA • Anesthesiology

Adam Paul Carter Warren

Postdoctoral Research Fellow
University of California at San Francisco
Medical Center
San Francisco, CA • Department of
Orthopaedics

Rebecca Lynn Weintraub

Brigham & Women's Hospital
Boston, MA • Internal Medicine
*Department of Medicine Allen B. Barbour
Award for Excellence in Internal Medicine*

Deborah Merrill Williams

Santa Clara Valley Medical Center
San Jose, CA • Transitional
Virginia Mason Hospital
Seattle, WA • Anesthesiology

Fay Xing

New York Presbyterian Hospital - Cornell
New York, NY • Obstetrics & Gynecology

Naveen Yalamanchi

University of California at Los Angeles
Medical Center
Los Angeles, CA • Orthopaedic Surgery

Andrew Yuan Zhang

Stanford Hospital and Clinics
Stanford, CA • Plastic Surgery

Mary Carmen Hernandez-Zhang

Kaiser Permanente Medical Center
Santa Clara, CA • Internal Medicine

¹Degree conferred September 5, 2003

²Degree conferred January 8, 2004

³Degree conferred April 1, 2004

RECIPIENTS OF DEGREES

MASTER OF SCIENCE

¹ **Caroline Elizabeth Annis**
Epidemiology

Jenifer Elizabeth Austin
Neurosciences

Ali Raza Awan
Biomedical Informatics

² **Joanna Eileen Boerner**
Microbiology and Immunology

¹ **Elbert E. Chang**
Molecular Pharmacology

Amit Garg
Biomedical Informatics

¹ **Michelle Lynn Green**
Biomedical Informatics

Corinna Anke Haberland
Health Services Research

¹ **Matthew Leigh Huggins**
Neurosciences

Jimmy Yi-Ming Huang
Biochemistry

² **Stella Mai Huang**
Epidemiology

¹ **Richard Brent Jacobsen**
Neurosciences

Amit Kaushal
Biomedical Informatics

Esther Jean Hyung Lee
Epidemiology

Robert L. Lobato
Epidemiology

Surag Subhash Mantri
Biomedical Informatics

¹ **Zachary Scott Pincus**
Biomedical Informatics

Erin Gourley Reid
Epidemiology

¹ **Christopher David Sundberg**
Microbiology and Immunology

Jeffrey James Swigris
Epidemiology

³ **Stream Su-Ching Wang**
Developmental Biology

¹ **Kevin Gregory Williams**
Genetics

² **Lisa Jun-Pei Wong**
Biophysics

¹*Degree conferred September 5, 2003*

²*Degree conferred January 8, 2004*

³*Degree conferred April 1, 2004*

DOCTOR OF PHILOSOPHY

Nizar Nooruddin Batada

Biophysics

Stochastic Aspects of Biological Signaling

Rebecca Restituto Begley

Molecular Pharmacology

Therapeutic In Vivo Applications for

PKC-Modulating Intracellularly-acting Peptides

¹ **Jonathan Adam Bernstein**

Genetics

Global Analysis of mRNA Decay in Escherichia

Coli Using cDNA Microarrays

Grace Y. Bhudhikanok

Epidemiology

Race, Reproductive History, and Bone Density

in Adolescents and Young Adults

² **Igor Brodsky**

Microbiology and Immunology

Role of Salmonella Virulence Genes in Bacterial

Resistance to Antimicrobial Peptides and

Systemic Disease

² **Carol Hsen-Gae Cain**

Biomedical Informatics

Representing and Reasoning About Contextually

Changing Organizational Behavior Using

Simulation Models of Medical Work

² **Helen Hyonhee Cha**

Developmental Biology

Identification and Characterization of a Novel

Gene, Halfback, Required for Somite Formation

and Anterior-Posterior Patterning

Denise April Chan

Cancer Biology

Cellular Oxygen Sensing: Molecular

Characterization of Hypoxia Inducible

Factor-1alpha Protein Stability

Kaman Chan

Microbiology and Immunology

Microarray-based Identification and

Characterization of Genetic Loci Essential for

Salmonella

² **Jeffrey Tien-Hao Chang**

Biomedical Informatics

Using Machine Learning to Extract Drug and

Gene Relationships from Text

² **Rodolfo Jose Chaparro**

Immunology

Identification of Nonimmunologic Defects in

Autoimmune Diabetes

Swaine Chen

Developmental Biology

Leveraging the Caulobacter Crescens

Genome Sequence

Nam Kyoung Cho

Biochemistry

Developmental Control of Blood Cell Migration

by the Drosophila VEF Pathway and Its

Implications for Blood Vessel Evolution

¹ **Raymond Jaihyun Cho**

Genetics

The Application of High-Density

Oligonucleotide Arrays to the Interrogation of

Biological Systems on a Genome Scale

Daniel Prudden Denning

Cancer Biology

The Compositional, Structural and

Evolutionary Flexibility of the Saccharomyces

Cerevisiae Nuclear Pore Complex

Maximilian Diehn

Biophysics

Exploring Genomic Expression Programs in

Normal and Malignant Cells of the Immune

and Central Nervous Systems

Rachel Alanna Freiberg

Cancer Biology

Chk2 Regulates Reoxygenation Induced

G2 Arrest

¹ **Douglas Brian Fridsma**

Biomedical Informatics

Organizational Simulation of Medical Work:

An Information-Processing Approach

2 Anna Katherine Greenwood
Neurosciences
Plasticity in the Neural Control of Reproductive Behavior and Physiology

3 Ilana Susie Hairston
Neurosciences
The Quality of Sleep is as Good as the Quality of Wake: Sleep in Development and Learning

David Riggs Halpin
Biochemistry
DNA Display: Genetic Manipulation of Combinatorial Chemistry Libraries for Small-Molecule Evolution

1 Erin Byron Harmon
Developmental Biology
TGF-BETA Signaling Regulates Foregut Patterning Pancreatic Development, and Beta-Cell Maturation

Tmirah Haselkorn
Epidemiology
Innovative Methods for Quantifying Risk and Insights into the Epidemiology of Various Cancers

2 Daniel Robert Hostetter
Biochemistry
Regulation of Myosin II Bipolar Thick Filament Assembly

Evan Harris Hurowitz
Biochemistry
Genome-wide Measurements of RNA Transcript Length by a DNA Microarray Analysis

Jerry Hsu
Cancer Biology
The Role of Human Emi1 in Cell Cycle Regulation and Cancer

Farhad Bryan Imam
Biochemistry
Genetic and Genomic Studies for GF Signaling and Development in Drosophila melanogaster

3 Jonathan Michael Irish
Cancer Biology
Signal Transduction Based Molecular Phenotyping of Cancer: Arrayed Flow Cytometry for Discovery of Tumor Initiation and Maintenance Mechanisms

1 Gregory Stephen Xavier Edward Jefferis
Neurosciences
Wiring Specificity in the Olfactory System of Drosophila

3 Eric Jorgenson
Genetics
Genetic Analysis of Human Quantitative Traits

1 Julie Kerns
Genetics
Genetics of Pigmentation in the Domestic Dog

Charles Kim
Microbiology and Immunology
Salmonella Gene Expression and Regulation During In Vitro Modeling of the Intracellular Environment

1 Dennis Chun-Yone Ko
Developmental Biology
Studies on the Molecular and Cellular Basis of Niemann-Pick Type C Disease

1 Li-Yung Arthur Kung
Biophysics
Patterning Supported Lipid Bilayers and Developing Vesicle Fusion Assays

3 Mark LaBarge
Molecular Pharmacology
Bone Marrow-Derived Myogenesis

1 Stacie Lynn Lambert
Immunology
Mechanisms of TCR Vaccine Induced Protection in a Murine T Cell Lymphoma Model

Stefan M. Larson
Biophysics
Large-scale Computational Protein Design

Nicole H. Lazarus
Immunology
Chemokines and the Homing of IgA Antibody Secreting Cells: CCL25 and CCL28 Coordinate and Direct IgA Antibody Secreting Cells to Mucosal Sites

Mike Hsin-Ping Liang
Biomedical Informatics
Integrating Sequence and Structural Information for Detecting Functional Sites on Protein Structures

- ² Barry L. Lubarsky**
 Biochemistry
Tracheal Tube Formation in Drosophila melanogaster
- Joanna Katherine MacKichan**
 Microbiology and Immunology
Gene Regulation and Colonization in Helicobacter pylori and Campylobacter jejuni
- Susan Wright Marino**
 Developmental Biology
Characterization of Mouse p66 Alpha, a Protein Associated with the NuRd/Mi2 Histone Deacetylase Complex
- ³ Kevin Michael Marks**
 Molecular Pharmacology
Fluorescent Sensors and Effectors in Spatio-temporal Studies of Cell Biology
- Michelle Leigh Monje**
 Neurosciences
Irradiation, Inflammation and Adult Hippocampal Neurogenesis
- ² John Isaac Murray**
 Genetics
Diverse Gene Expression Responses to Stresses in Cultured Human Cells
- ² Mala Murthy**
 Neurosciences
Membrane Trafficking and the Drosophila Exocyst Complex
- ² Joel Robert Neilson**
 Microbiology and Immunology
Tissue-Specific Functions of the CA2+/Calcineurin NF-AT Pathway in Immunological and Cardiovascular Development
- Cris Myers Niell**
 Neurosciences
Imaging Neural Circuit Formation and Function in the Zebrafish Visual System
- ³ James Noonan**
 Genetics
The Evolution of Protocadherin Gene Cluster Diversity
- ² Brian Howard Null**
 Developmental Biology
Toward the Quantification of the Organism: Application of DNA Microarrays and New Technologies to the Development of Drosophila melanogaster
- Grace Y. Park**
 Molecular Pharmacology
Characterization of PRAS40, a Novel Akt Substrate
BioMASS Award for Outstanding Service on Behalf of Graduate Students
- Rebecca Ann Piskorowski**
 Biophysics
How the Permeant Ion Affects Gating in Large-Conductance Calcium Activated Potassium Channels
- Thomas Joseph Purcell**
 Biochemistry
Dissecting the Mechanism of Processive Motility in Single Myosin V Molecules
- Kirthi Chandupatia Reddy**
 Developmental Biology
C. elegans HIM-17 Links Chromatin Modification and Competence for Initiation of Meiotic Recombination
- ¹ Ryan Blair Rountree**
 Developmental Biology
Genetic and Molecular Analysis of Skeletal Joint Development
- ² Alok Jerome Saldanha**
 Genetics
Genome Wide Transcriptional Comparison of Batch and Chemostat Nutrient Limited Cultures of Saccharomyces Cerevisiae
- George Christopher Scott**
 Biomedical Informatics
Using Decision Models to Automate and Individualize Interactive Decision Support for Patients
- Melissa Diane Scott**
 Biophysics
Interplay of Folding and Degradation: Quality Control of Misfolded Proteins in the Eukaryotic Cytosol

¹ **Kryn Stankunas**
Developmental Biology
*Conditional Protein Alleles Using Knock-in
Mice and a Chemical Inducer of Dimerization*

² **Joshua Michael Stuart**
Biomedical Informatics
*Predicting Gene Function Using DNA
Microarray Data From Multiple Organisms*

² **Thomas Tan**
Biochemistry
*Regulation of the DDB2 Gene by p53 and the
Role of DDB2 in Cisplatin-damaged DNA
Repair*

¹ **Jean Yuh Tang**
Biophysics
*Cellular Response to UV: Role of UV-DDB
and Microarray Analysis of Skin Cancer*

Tara Thiagarajan
Neurosciences
*Global and Local Activity Dependent
Regulation of the Synapse*

¹ **Stephanie Jewel Toering**
Biochemistry
*Genetic and Biochemical Analysis of
Drosophila Sprouty*

² **Nathan Trinklein**
Genetics
*Transcriptional Regulation in the
Human Genome*

¹ **Olga G. Troyanskaya**
Biomedical Informatics
*Improving the Specificity of Biological Signal
Detection from Microarray Data*

² **Marija Vrljic**
Biophysics
*Translational Diffusion of Single MHC
Proteins in the Plasma Membrane*

Thomas Scott Wehrman
Molecular Pharmacology
*Technologies to Monitor Cell Signaling Via
Protein Complementatation and siRNA Libraries*

Brian Anthony Zabel
Immunology
*Identification and Characterization of a Novel
Leukocyte Chemoattractant and Receptor*

³ **Bojan Zagrovic**
Biophysics
*Simulating Protein Folding and Dynamics
Using World-Wide Distributed Computing*

¹Degree conferred September 5, 2003

²Degree conferred January 8, 2004

³Degree conferred April 1, 2004

THE STANFORD AFFIRMATION **

On my admission to the Practice of Medicine

I pledge to devote my life to the service of humanity.

The care of my patients will be my first consideration;

I will practice my profession with reverence and dignity, and to the best of my ability and judgement;

I will treat any who need my ministrations, without regard to religion, nationality, race, politics, sexual orientation, or social standing;

I will approach each patient with charity, attention, and commitment;

I will hold all life dear, and let knowledge, wisdom, courage, and compassion guide my therapy;

I will respect the confidences with which I will be entrusted;

I will give gratitude and respect to those from whom I have learned my Science and my Art;

I will uphold the integrity of the medical profession;

I will cultivate peace in both personal conduct and political expression;

I will not use my knowledge contrary to the spirit of this Oath.

I make these promises in witness of those who have stood here before me, and those who will come after,

Solemnly, freely, and upon my honor.