

# CURRICULUM VITAE

## Eric Douglas Green

**DATE:** November 11, 2011

**PLACE OF BIRTH:** St. Louis, Missouri (U.S.A.)

**CONTACT INFORMATION:** National Human Genome Research Institute  
National Institutes of Health  
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Web Site: <http://www.genome.gov/Director>

**PRESENT POSITIONS:** Director  
National Human Genome Research Institute  
National Institutes of Health

### EDUCATION:

1981 B.S., University of Wisconsin (Madison), Bacteriology

1987 M.D., Ph.D., Washington University, St. Louis, Missouri

Ph.D. Advisors: Dr. Jacques Baenziger and Dr. Irving Boime  
Topic: "Structure and Biosynthesis of Asn-Linked Oligosaccharides  
on Pituitary Glycoprotein Hormones"

**POST-GRADUATE TRAINING:**

- 1987-1992      Resident in Laboratory Medicine  
                    Departments of Pathology and Internal Medicine  
                    Washington University School of Medicine
- 1990-1992      Chief Resident in Laboratory Medicine  
                    Departments of Pathology and Internal Medicine  
                    Washington University School of Medicine
- 1988-1992      Postdoctoral Research Fellow  
                    Laboratory of Dr. Maynard Olson  
                    Department of Genetics  
                    Washington University School of Medicine

**MEDICAL LICENSURE:**

- National Boards (Parts I, II, and III)  
Permanent Missouri Medical License (MD 100218)

**APPOINTMENTS:**

- 1992-1994      Assistant Professor, Departments of Pathology, Genetics, and Internal Medicine  
                    Washington University School of Medicine
- 1992-1994      Associate Director, Laboratory Medicine Residency Training Program  
                    Washington University School of Medicine
- 1992-1994      Associate Director, DNA Diagnostic Laboratory  
                    Washington University School of Medicine
- 1994-2010      Head, Physical Mapping Section  
                    National Human Genome Research Institute  
                    National Institutes of Health
- 1994-1999      Adjunct Instructor, Department of Genetics  
                    Washington University School of Medicine
- 1995-1997      Director, DNA Sequencing Core  
                    National Human Genome Research Institute  
                    National Institutes of Health
- 1996-2010      Tenured Senior Investigator, National Institutes of Health
- 1996-2009      Chief, Genome Technology Branch  
                    National Human Genome Research Institute  
                    National Institutes of Health
- 1997-2009      Director, NIH Intramural Sequencing Center (NISC)  
                    National Human Genome Research Institute  
                    National Institutes of Health
- 2002-2009      Scientific Director  
                    National Human Genome Research Institute  
                    National Institutes of Health

- 2009-2010      Acting Scientific Director  
National Human Genome Research Institute  
National Institutes of Health
- 2009-present    Director  
National Human Genome Research Institute  
National Institutes of Health

**EDITORIAL POSITIONS:**

- 1991-1993      Associate Editor, *PCR Methods & Applications*  
Cold Spring Harbor Laboratory Press
- 1993-1995      Editor, *PCR Methods & Applications*  
Cold Spring Harbor Laboratory Press
- 1991-present    Ad Hoc Reviewer for *Nature*, *Science*, *Proceedings of the National Academy of Sciences*, *Nature Genetics*, *Nature Review Genetics*, *Human Molecular Genetics*, *Nucleic Acid Research*, *Genomics*, *Human Genetics*, *American Journal of Human Genetics*, *PLoS Genetics*, and *PLoS Biology*
- 1994-2003      Board of Editors, *Clinical Chemistry*  
American Association for Clinical Chemistry
- 1994-1998      Series Editor, *Genome Analysis: A Laboratory Manual*  
Cold Spring Harbor Laboratory Press  
  
Green ED, Birren B, Klapholz S, Myers RM, and Hieter P, Series Editors  
  
*Volume 1: Analyzing DNA* (1997)  
Birren B, Green ED, Klapholz S, Myers RM, and Roskams J, Volume Editors  
  
*Volume 2: Detecting Genes* (1998)  
Birren B, Green ED, Klapholz S, Myers RM, and Roskams J, Volume Editors  
  
*Volume 3: Cloning Systems* (1998)  
Birren B, Green ED, Klapholz S, Myers RM, Riethman H, and Roskams J, Volume Editors  
  
*Volume 4: Mapping Genomes* (1998)  
Birren B, Green ED, Hieter P, Klapholz S, Myers RM, Riethman H, and Roskams J, Volume Editors
- 1995-present    Editor, *Genome Research*  
Cold Spring Harbor Laboratory Press
- 2001-present    Section Head (Genomics)  
Faculty of 1000
- 2002-2010      Editorial Board, *Mammalian Genome*, Springer-Verlag Press
- 2004-present    Co-Editor, *Annual Reviews of Genomics and Human Genetics*

**TEACHING EXPERIENCE:**

- 1980-1981 Teaching Assistant, University of Wisconsin (Madison), Bacteriology
- 1983 Teaching Assistant, Washington University, Cell Biology
- 1991-1994 Course Organizer/Instructor, Cold Spring Harbor Laboratory Course:  
“Analysis and Genetic Manipulation of Yeast Artificial Chromosomes”
- 1996-2009 Preceptor, Predoctoral Training Program in Human Genetics  
Johns Hopkins University School of Medicine
- 1996-present Co-Organizer and Lecturer, “Current Topics in Genome Analysis” Lecture Series  
National Institutes of Health

**OTHER PROFESSIONAL EXPERIENCE:**

- 1992-1993 Graduate School Admissions Committee  
Division of Biology and Biomedical Sciences  
Washington University
- 1992-2004 Ad Hoc Grant Reviewer, National Human Genome Research Institute  
National Institutes of Health
- 1992-1994 Investigator, Center for Genetics in Medicine  
Washington University Human Genome Mapping Center
- 1993 Organizer, Yeast Artificial Chromosome (YAC) Cloning Workshop  
Washington, D.C.
- 1993 Organizer, First International Workshop on Human Chromosome 7  
Marburg, Germany
- 1995-1997 Organizer, Annual “Genome Mapping & Sequencing” Meeting  
Cold Spring Harbor Laboratory
- 1995-1997 Member, Quarterly Review Committee  
Genome Data Base (GDB)
- 1997-2001 Member, Genome Research Review Committee  
National Human Genome Research Institute  
National Institutes of Health
- 1998 Organizer, NIH Workshop “Genomic Alterations in Genetic Disease:  
Mechanisms of Structural Rearrangements”
- 1998 Organizer, ASHG Workshop “Human Genetics in the Sequence-Based Era”  
Annual American Society of Human Genetics Meeting
- 1998-2000 External Advisor, Cancer Chromosome Aberration Project  
National Cancer Institute  
National Institutes of Health
- 1999-2001 Member, Genome Resources Advisory Committee  
National Center for Biotechnology Information  
National Institutes of Health
- 1999 Member, Mammalian Gene Collection Implementation Working Group

	National Institutes of Health
2001-2005	Chair, NHGRI Bacterial Artificial Chromosome (BAC) Resource Steering Panel National Human Genome Research Institute, National Institutes of Health
2002	Member, Program Committee American Society of Human Genetics
2002-present	Co-Chair, Program Committee, Annual “Advances in Genome Biology & Technology” Meeting, Marco Island, Florida
2002-2009	Affiliate Member, McKusick-Nathans Institute of Genetic Medicine Johns Hopkins University School of Medicine
2002-2004	Advisor, Acute Myeloid Leukemia Genomics Program Washington University School of Medicine
2003	Co-Chairperson, Oncogenomics 2003 Meeting
2003-2005	Vice Chair (2003) & Chair (2005) “Human Genetics and Genomics” Gordon Research Conference
2003-2007	Chair, Scientific Advisory Board, Regulatory Genetics Project Montreal Genome Centre
2003-2004	Member, NSF Maize Genome Sequencing Advisory Committee
2004	Co-Organizer, 2004 NIH Research Festival
2004	Organizer, Genomics Workshop: “Identification of Functional Elements in Mammalian Genomes,” Cold Spring Harbor Laboratory
2004	NHGRI ENCODE Project Resources Working Group
2004-2008	Annoting the Human Genome Working Group (Chair, 2006-2008)
2006-2007	Member, Sequencing Technology Evaluation Board, Wellcome Trust Sanger Institute
2006-2009	Chair, Scientific Advisory Board, Genome British Columbia Genomics Platforms, British Columbia Cancer Agency (BCCA) Genome Sciences Centre
2007-2008	Member, Scientific Review Board Starr Cancer Consortium

#### **PROFESSIONAL HONORS:**

1976	Elected to Membership in National Honor Society
1978	Elected to Membership in Phi Eta Sigma
1980	Elected to Membership in Gamma Sigma Delta
1981	Elected to Membership in Phi Kappa Phi
1981	Undergraduate Research Achievement Award University of Wisconsin (Madison)
1981-1985,	Predocotrinal Trainee, National Institute of General Medical Sciences

- 1986-1987 Medical Scientist Training Award, Grant GM07200
- 1985-1986 Predoctoral Trainee, National Heart, Lung, and Blood Institute, Grant HL07275
- 1989 Young Investigator Award  
Academy of Clinical Laboratory Physicians and Scientists
- 1989-1990 Helen Hay Whitney Postdoctoral Research Fellowship
- 1990 Young Investigator Award with Distinction  
Academy of Clinical Laboratory Physicians and Scientists
- 1990-1994 Lucille P. Markey Scholar Award in Biomedical Science
- 1994 Visiting Professor, Department of Pathology  
Emory University School of Medicine
- 1996 R. Lee West Lecturer, Department of Pathology and Laboratory Medicine  
East Carolina University School of Medicine
- 1998 SmithKline Beecham Lecturer, Department of Pathology  
State University of New York Health Science Center at Syracuse
- 2000 Gene Oliver Lecture, New York Pathological Society
- 2001 Keynote Speaker, Genetics Graduate Student Colloquium  
Case Western Reserve University
- 2001 Lillian M. Gilbreth Lectureship for Young Engineers  
National Academy of Engineering
- 2002 Elected to Membership in the American Society for Clinical Investigation
- 2004-present Member, American Association of University Pathologists (Pluto Society)
- 2004 7<sup>th</sup> Annual Roy H. Behnke Distinguished Lectureship, University of South  
Florida College of Medicine, Health Sciences Center Research Day
- 2004 22<sup>nd</sup> Annual William B. Kinter Memorial Lectureship,  
Mount Desert Island Biological Laboratory
- 2004 NIH Merit Award
- 2005 Alumni Achievement Award, Washington University School of Medicine
- 2005 33<sup>rd</sup> Carl V. Moore Memorial Lecture, Washington University School of Medicine
- 2007 Elected to Membership in the Association of American Physicians
- 2008 Inaugural Maurice Green Lecture, St. Louis University School of Medicine
- 2010 Chinese Biopharmaceutical Association-USA Brilliant Achievement Award
- 2010 Jean Mitchell Watson Lecture, University of Chicago
- 2010 Distinguished Alumni Award, Washington University
- 2010 Robert M. Hearin Distinguished Lecturer, University of Mississippi  
Medical Center
- 2011 Visiting Professor, Department of Pathology  
Brigham and Women's Hospital, Harvard Medical School

- 2011 20<sup>th</sup> Annual Paulette Shirey Pritchett Endowed Lecture in Pathology  
Department of Pathology, University of Alabama-Birmingham School of Medicine
- 2011 Visiting Professor and Keynote Speaker Human Genetics Annual Student  
Research Day, McGill University
- 2011 Cotlove Award Lectureship, Academy of Clinical Laboratory Physicians and Scientists
- 2011 Inaugural Chai Lecture, Short Course on Medical and Experimental Mammalian  
Genetics, The Jackson Laboratory and Johns Hopkins University
- 2011 Keynote Speaker, First Foundation Day Celebrations of the National Institute of  
Biomedical Genomics, India

### CONSULTING POSITIONS:

- 1993-1997 Member, Scientific Advisory Board, Mercator Genetics, Inc.  
1997 Consultant, Mercator Genetics, Inc.  
1998 Consultant, Progenitor, Inc.  
1995-2002 Consultant, Life Technologies, Inc./Invitrogen, Inc.  
1997-2005 Consultant, Monsanto Corporation  
1998-2002 Member, Scientific Advisory Board, Cereon Genomics, LLC  
1998-2004 Consultant, Exelixis Pharmaceuticals, Inc.  
1999-2002 Consultant, Lexicon Genetics, Inc.  
1999-2002 Consultant, Tularik, Inc.  
2000-2002 Consultant, Specialty Laboratories  
2002-2005 Member, Scientific Advisory Board, Aureon Biosciences Corporation  
2003-2005 Member, Scientific Advisory Board, Geisinger Health System

### SERVICE ON NIH COMMITTEES:

- 2000 Chair, NIDCD Tenure-Track Investigator Search Committee  
2002 NCI Tenure-Track Investigator Search Committee  
2002 NIH Central Tenure Committee  
2002-2010 Board of NIH Scientific Directors  
2003 ARAC Acquisitions Working Group  
2003-2009 Technology Transfer Policy Board  
2003-2008 NIH Office of Research Services Advisory Committee  
2003-2004 NIH Ad Hoc Parking Advisory Committee  
2004 Co-Organizer, NIH Research Festival  
2004-2006 NIMH Scientific Director Search Committee  
2004-2010 NIH Ethics Advisory Committee (NEAC)  
2005 NIH Director's Lecture Series Selection Committee  
2005-2006 NIH Office of Research Services Director Search Committee  
2005-2006 NIH Office of Human Resources Director Search Committee  
2005-2010 Chair, NIH Office of Intramural Training and Education Steering  
Committee  
2006 Chair, NIH Office of Intramural Training and Education Director Search  
Committee  
2006 Renovation/Space/Leasing Intramural Budget Stretching Committee  
2006-2007 NIH Scientific Directors Shared Resources Subcommittee

2007	Co-Organizer, Genome-Wide Association Studies to Sequencing: NIH Think Tank and Multi-IC Training Workshop for the Genes and Environment Initiative (GEI)
2007-2010	NIH Teleworking Task Force
2007-2010	NIH Scientific Directors Agenda-Setting Subcommittee
2008	NIMH Scientific Director Search Committee
2008	NIH Ethics Office Senior Policy Advisor Search Committee
2008-2009	Chair, NIDCD Scientific Director Search Committee
2008-2009	Center for Inherited Disease Research Board of Governors
2009	NIEHS Scientific Director Search Committee
2009-2010	NIH Intramural Working Group
2009-2010	Chair, NIDA Scientific Director Search Committee
2009-2010	Ex Officio Member, Secretary's Advisory Committee on Genetics, Health, and Society (SACGHS)
2009-present	Co-Chair, NIH Genomic Data Sharing Senior Oversight Committee
2009-present	Co-Chair, Center for Inherited Disease Research Board of Governors
2009-present	Co-Chair, Human Microbiome Project Implementation Group
2009-present	Co-Chair, Knockout Mouse Project (KOMP) Advisory Committee
2010-present	Co-Chair, Knockout Mouse Phenotyping Project (KOMP2) Implementation Group
2010-present	Co-Chair, Protein Capture Reagents Project Implementation Group
2010-present	Co-Chair, Genotype-Tissue Expression (GTEx) Project Implementation Group
2010-present	Co-Chair, NCBI Resource Board
2010-present	Co-Chair, H3Africa (Global Health) Project Implementation Group
2010-present	NIH Scientific Management Review Board (SMRB)
2010-present	Translational Medicine and Therapeutics Working Group of the SMRB
2010-present	Substance Use, Abuse, and Addiction (SUAA) Task Force
2010-present	Chair, NICHD Scientific Director Search Committee
2010-present	NIH Facilities Working Group
2010-present	Co-Chair, Institute/Center Directors-National Center for Advancing Translational Sciences Working Group
2011-present	NIGMS Director Search Committee
2011-present	Co-Chair, NCATS Director Search Committee
2011-present	Co-Chair, NIH Facilities Working Group Master Plan Subcommittee

#### **TALKS AT PROFESSIONAL MEETINGS, WORKSHOPS, AND COURSES:**

1985	Gordon Conference: "Glycoproteins and Glycolipids"
1986	Federation of American Societies for Experimental Biology
1989	Cold Spring Harbor Laboratory Meeting: "Genome Mapping and Sequencing"
1989	Annual Meeting, Academy of Clinical Laboratory Physicians and Scientists
1989	Lake Tahoe Symposium: "Advances in Recombinant DNA Technology"
1990	Cold Spring Harbor Laboratory Meeting: "Genome Mapping and Sequencing"
1990	Annual Meeting, Academy of Clinical Laboratory Physicians and Scientists
1990	Cystic Fibrosis Foundation Conference: "The Gene— Nine Months Later"
1990	Annual Meeting, American Society of Human Genetics
1991	Cold Spring Harbor Laboratory Meeting: "Genome Mapping and Sequencing"
1991	Cold Spring Harbor Laboratory Course: "Molecular Genetic Analysis of Diseases of the Nervous System"
1991	Cold Spring Harbor Laboratory Course: "Genetic Approaches to Human Disease Using DNA Markers"



- 1991 U. of Pittsburgh Symposium: “Statistical Methods in Genome Analysis”
- 1991 International Congress of Human Genetics
- 1992 NIH-DOE Joint Working Group on the Mouse
- 1992 Conference on Bioinformatics, Supercomputers, and Complex Genome Analysis
- 1992 9<sup>th</sup> Wellcome Summer School: “DNA-Related Methods in Human Genetics”
- 1992 College of American Pathologist Conference XXIV: “Molecular Pathology”
- 1993 Cold Spring Harbor Laboratory Meeting: “Genome Mapping and Sequencing”
- 1993 First International Workshop on Human Chromosome 7
- 1994 American Society of Clinical Pathology/College of American Pathologists Annual Meeting
- 1995 Cold Spring Harbor Laboratory Course: “Cloning and Analysis of Large DNA Molecules”
- 1995 Annual Meeting, Electrophoresis Society
- 1995 College of American Pathologists House of Delegates’ Annual Meeting
- 1995 Cold Spring Harbor Laboratory Course: “YACs in Structural and Biological Genome Analysis”
- 1995 American Society for Investigative Pathology Course: “Concepts in Molecular Biology”
- 1995 5<sup>th</sup> International Workshop on the Identification of Transcribed Sequences
- 1996 U.S. & Canadian Academy of Pathology: “Molecular Pathology”
- 1996 Annual Meeting, Academy of Clinical Laboratory Physicians and Scientists
- 1996 Annual Meeting of the Lucille P. Markey Scholars
- 1996 American Society for Investigative Pathology Course: “Concepts in Molecular Biology”
- 1996 Cold Spring Harbor Laboratory Course: “YACs in Structural and Biological Genome Analysis”
- 1997 Monbu-sho Symposium: “Human Genome Project” (Tokyo, Japan)
- 1997 Association of Biomolecular Resource Facilities Annual Meeting: “Techniques at the Genome/Proteome Interface”
- 1997 4<sup>th</sup> UNESCO South-North Human Genome Conference
- 1997 Cold Spring Harbor Laboratory Course: “Advanced Genome Sequence Analysis”
- 1997 Cold Spring Harbor Laboratory Course: “Positional Cloning— Contig to Candidate Gene”
- 1998 American Society for Investigative Pathology Course: “Concepts in Molecular Biology”
- 1998 Annual Meeting of the Teratology Society, NICHD Symposium: “Genomics in Birth Defect Research”
- 1998 NIH Workshop: “Genomic Alterations in Genetic Disease: Mechanisms of Structural Rearrangements”
- 1998 NICHD Workshop: “Structural Birth Defects”
- 1998 Centre for Cellular Biology at the University of Hong Kong Symposium: “Impacts of Genome Projects on Medicine and Biotechnology”
- 1998 Cold Spring Harbor Laboratory Course: “Positional Cloning— Contig to Candidate Gene”
- 1998 Hackensack University Medical Center Biomedical Ethics Symposium: “The Human Genome Project— The Science of Genetic Research and the Social Implications”
- 1998 NHGRI/Smithsonian Course “A User’s Guide to Genetics— The Medicine of the Future”
- 1998 ASHG Workshop: “Human Genetics in the Sequence-Based Era”
- 1998 AACC’s 8<sup>th</sup> Annual Clinical Chemistry Forum: “Issues in Genetic Testing”
- 1999 NIH Workshop: “Non-Mammalian Models”
- 1999 Cold Spring Harbor Laboratory Course: “Advanced Genome Sequence Analysis”
- 1999 Southeast Development Biology Meeting, St. Jude’s Children’s Research Hospital

- 1999 AACC's 31<sup>st</sup> Annual Oak Ridge Conference: "On the Road to Non-Invasive Testing"
- 1999 National Eye Institute Workshop: "Functional Genomics"
- 1999 St. Louis University: "Conference on Genetics and Ethics"
- 2000 Smithsonian Course "Biotechnology: The Future is Now"
- 2000 G2K: Back to Science Meeting: "Advances in Genome Biology and Technology"
- 2000 NAWJ Meeting: "Bioethics, Ethics, and the Law"
- 2000 NIH Workshop: "Setting Priorities for Phenotyping the Mouse Nervous System and Behavior"
- 2000 Teratology Society Satellite Symposium: "Genomics, Proteomics, Bioinformatics, and Developmental Toxicology in the 21<sup>st</sup> Century"
- 2000 Cold Spring Harbor Laboratory Meeting: "Mouse Molecular Genetics"
- 2000 National Academy of Engineering: Sixth Annual Symposium on Frontiers of Engineering
- 2000 2<sup>nd</sup> Meeting of Athena Pathology Society
- 2000 American Museum of Natural History Symposium: "Sequencing the Human Genome"
- 2000 NIH Research Festival Plenary Session: The Utility of Whole Genome Sequences—Early Glimpses of the Sequence-based Era"
- 2000 Pre-ICER Satellite Symposium 2000: "Ocular Genomics and Proteomics"
- 2001 Oncogenomics Conference 2001: "Dissecting Cancer Through Genome Research"
- 2001 Annual Meeting: "Advances in Genome Biology and Technology"
- 2001 AAAS Meeting: "2001 Genome Seminar— Beyond the Human Genome"
- 2001 Meeting of the Mid-Atlantic Chapter of the American Medical Writers Association
- 2001 Cold Spring Harbor Laboratory Meeting: "Genetic Basis of Neurological and Behavioral Disorders"
- 2001 1<sup>st</sup> International Workshop on the Genetics of Bone Disease
- 2001 Society of Toxicologic Pathology Meeting: "Toxicologic Pathology in the New Millennium"
- 2001 Jackson Laboratory Short Course on Medical and Experimental Genetics
- 2001 Gordon Research Conference: "Human Molecular Genetics"
- 2001 ASHG Workshop: "Comparing Genome Sequences of Vertebrates"
- 2001 NYU Medical School: "Advances in Dermatology"
- 2001 Delaware Medical Society Annual Meeting
- 2001 ASCB Minorities Affairs Committee Sponsored Symposium: "Log-on for Success"
- 2002 Plant, Animal, and Microbial Genomes X
- 2002 NRC Workshop: "Exploring Horizons for Domestic Animal Genomics"
- 2002 Cold Spring Harbor Laboratory Course: "Acquiring and Analyzing Genomic Sequence Data"
- 2002 St. Louis University Colloquium: "Genetic Engineering and the Question of Limits"
- 2002 Annual Meeting of the American Society for Clinical Investigation
- 2002 Oncogenomics Conference 2002: "Dissecting Cancer Through Genome Research"
- 2002 Cold Spring Harbor Meeting: "Genome Sequencing and Biology"
- 2002 University of Virginia Symposium: "Comparative Genomics— Biology from Genomes"
- 2002 3<sup>rd</sup> Annual Meeting, Great Plains States Society for Molecular Biology and Genetics
- 2002 42<sup>nd</sup> Annual Congress of the Federation of South African Societies of Pathology "Pathogenomics 2002"
- 2002 Jackson Laboratory Meeting: "Mouse Initiatives IV— Comparative Genomic Approaches to the Analysis of Gene Function and Human Disease"
- 2002 Genome Sequencing and Analysis Conference XIV
- 2002 Keck 2002 Bioinformatics Symposium (Keck Center for Computational and Structural Biology and the Gulf Coast Consortium for Bioinformatics)

- 2002 Annual Meeting of the American Society of Nephrology
- 2002 16<sup>th</sup> International Mouse Genome Conference
- 2003 Oncogenomics Conference 2003: “Dissecting Cancer Through Genome Research”
- 2003 NHGRI/NIH Symposium: “From Double Helix to Human Sequence— and Beyond”
- 2003 10<sup>th</sup> ASM Undergraduate Microbiology Education Conference: “Microbiology Education in the Next Decade: Focus on the Future”
- 2003 68<sup>th</sup> Cold Spring Harbor Symposium on Quantitative Biology: “The Genome of *Homo Sapiens*”
- 2003 Bovine Genomics Workshop (Montreal, Canada)
- 2003 International University of Ecuador: “Transcending Frontiers of Medicine”
- 2003 Gordon Research Conference: “Human Genetics and Genomics”
- 2003 Stem Cell Genome Anatomy Project Retreat
- 2003 18<sup>th</sup> Regional Cancer Research Symposium, Vermont Cancer Center
- 2003 13<sup>th</sup> Annual Irwin M. Arias, M.D. Symposium: “Bridging Basic Sciences and Liver Disease”
- 2003 Workshop on Wheat Genome Sequencing
- 2003 Smithsonian Institute Forum: Genetics and the Future of Our Health
- 2003 NHGRI Symposium: “From Base Pairs to Bedside”
- 2003 San Antonio Breast Cancer Satellite Symposium: “Molecular Markers in Breast Cancer”
- 2003 Cold Spring Harbor Laboratory Meeting: “Rat Genomics and Models”
- 2004 Annual Meeting of American Association of University Pathologists (Pluto Society)
- 2004 Strategic Research Institute Meeting: “Capturing the Full Potential of Biotechnology in Health Care Delivery”
- 2004 Cold Spring Harbor Laboratory Meeting (Banbury Center): “Finding the Functional Elements of the Genome”
- 2004 Experimental Biology 2004 Symposium: “A Bioinformatics How-To for the Wet-Lab Physiologist”
- 2004 Samuel Lunenfeld Research Institute International Symposium 2004: “Molecular Evolution”
- 2004 Genomes & Evolution 2004 (Joint Meeting of the Society for Molecular Biology and Evolution and American Genetic Association)
- 2004 AACR Workshop in Cancer Research: Molecular Biology in Clinical Oncology
- 2004 11<sup>th</sup> Mount Desert Island Biological Laboratory Environmental Health Sciences Symposium: “Insights from Comparative Genomic and Toxicogenomic Analyses”
- 2004 12<sup>th</sup> International Conference on Intelligent Systems for Molecular Biology/3<sup>rd</sup> European Conference on Computational Biology
- 2004 15<sup>th</sup> International Chromosome Conference (ICC XV)
- 2004 13<sup>th</sup> Annual Symposium of the Developmental Biology Center at the University of Minnesota: “From Egg to Organ: Development and Disease”
- 2004 Pseudoxanthoma Elasticum Research Meeting 2004
- 2005 Annual Meeting: “Advances in Genome Biology and Technology”
- 2005 Annual Meeting of the American Society for Biochemistry and Molecular Biology (Experimental Biology 2005)
- 2005 Washington University School of Medicine Alumni Reunion Scientific Program: “Medical Update 2005”
- 2005 Cold Spring Harbor Laboratory Meeting: “Genome Biology”
- 2005 15<sup>th</sup> International Congress of Comparative Endocrinology
- 2005 The Henry M. & Lillian Stratton Basic Research Single Topic Conference: “Exploring the Functional Genomics and Proteomics of Liver in Health and Disease”

- 2005 AACR Workshop on the Human Epigenome
- 2005 AACR Workshop in Cancer Research: Molecular Biology in Clinical Oncology
- 2005 Pennsylvania State University 24<sup>th</sup> Summer Symposium in Molecular Biology: “Comparative and Functional Genomics”
- 2005 Gordon Research Conference: “Human Genetics and Genomics”
- 2005 UCSD Project for Explaining the Origins of Humans Symposium: “Understanding Great Apes in the Genomic Era”
- 2005 Windber Research Institute Meeting: “4<sup>th</sup> Annual Showcase for Biotechnology”
- 2005 The Genomics Biotech Institute Meeting: “Genomics and Biologics— Their Impact on the Future of Patient Care”
- 2005 Iowa State University Growth Factor and Signal Transduction Symposium: “Integration of Structural and Functional Genomics”
- 2005 American Society of Clinical Pathologists Annual Meeting: “Pathology Today”
- 2005 17<sup>th</sup> Annual Meeting, Korean Society for Molecular and Cellular Biology
- 2005 Emory/Georgia Tech Predictive Health Initiative Symposium: “Seeking Ponce’s Dream: The Promise of Predictive Health”
- 2006 Genetics Society of America Meeting: “Genetic Analysis: Model Organisms to Human Biology”
- 2006 Annual Meeting: “Advances in Genome Biology and Technology”
- 2006 Keystone Meeting: “Systems Biology: Integrating Biology, Technology, and Computation”
- 2006 31<sup>st</sup> Annual Meeting, Association of Genetic Technologists
- 2006 AACR Workshop in Cancer Research: Molecular Biology in Clinical Oncology
- 2006 Genetic Alliance Annual Conference
- 2006 2<sup>nd</sup> National Congress of Genomic Medicine, Mexico
- 2006 Keynote Speaker, University of Maryland Bioscience Research & Technology Review Day
- 2007 Genome British Columbia Genomics Forum: Biomarkers, New Sequencing Technologies, and Their Applications
- 2007 Capstone Speaker, 6<sup>th</sup> Annual BIO IT Coalition Conference: The State of Healthcare & Medical Technology in 2020
- 2007 Keynote Speaker, 2007 American Institute of Biological Sciences (AIBS) Annual Meeting
- 2007 Keynote Speaker, Institute of Genetic Medicine Annual Retreat, Johns Hopkins University School of Medicine
- 2007 AACR Workshop in Cancer Research: Molecular Biology in Clinical Oncology
- 2007 Gordon Research Conference: “Human Genetics and Genomics”
- 2007 International Conference on Genomics (Shenzhen, China)
- 2007 Cold Spring Harbor Laboratory Course: “Computational Genomics”
- 2008 Keynote Speaker, 4<sup>th</sup> International Conference “Advances in Canine and Feline Genomics and Inherited Diseases”
- 2008 AACR Workshop in Cancer Research: Molecular Biology in Clinical Oncology
- 2008 American Ceramic Society Annual Meeting
- 2009 AAAS Annual Meeting: “Studying Vertebrate Genomes: Reading Evolution’s Notebooks”
- 2009 Cardiff University/The Wales Gene Park Meeting: “Clinical Medicine in the Genome Era”
- 2009 6<sup>th</sup> African Society of Human Genetics Meeting
- 2009 Wellcome Trust/NHGRI Frontiers Meeting: “Genetic Diversity in Health and Disease in African Populations”
- 2009 Oxford Workshop: “Identifying Loci Involved in the Susceptibility to Common Disease”
- 2009 Genome 10K Workshop

- 2009 Keynote Speaker, 4<sup>th</sup> Annual Sequencing, Finishing, and Analysis in the Future Meeting
- 2009 Keynote Speaker, American Genetic Association Conference: “Next Generation Genome Analysis in Non-model Organisms”
- 2009 AACR Workshop in Cancer Research: Molecular Biology in Clinical Oncology
- 2009 Gordon Research Conference: “Human Genetics and Genomics”
- 2009 Keynote Speaker, Montreal Bioinformatics Users Group (MonBUG) Bioinformatics Symposium 2009
- 2009 European Science Foundation (ESF)-COST Meeting: “Complex Systems and Changes— Darwin and Evolution: Nature-Culture Interfaces”
- 2009 NIH Symposium: “Finished Proofs? — A Symposium to Celebrate the 150<sup>th</sup> Anniversary of the Publication of *On the Origin of Species* (1859)”
- 2009 ACR/ARHP Annual Meeting: ACR Basic Research Conference
- 2010 Annual Meeting of United States and Canadian Academy of Pathology
- 2010 Annual Meeting of American Society of Gene and Cellular Therapy
- 2010 Second Annual Consumer Genetics Conference
- 2010 Chinese Biopharmaceutical Association, USA 15<sup>th</sup> Annual Conference
- 2010 AACR Workshop in Cancer Research: Molecular Biology in Clinical Oncology
- 2010 Keynote Speaker: CSHL Personal Genomes Meeting
- 2010 Keynote Speaker: 13<sup>th</sup> Annual Meeting, National Coalition for Health Professional Education in Genetics
- 2010 Association of Independent Research Institutes (AIRI) Meeting
- 2010 Genomics of Common Diseases Meeting
- 2010 Cambridge Healthtech Institute’s 2<sup>nd</sup> Annual “Accelerating Development and Advancing Personalized Therapy” Meeting
- 2010 CSHL Banbury Meeting: “Genome Era Pathology, Precision Diagnostics, and Preemptive Care: A Stakeholder Summit”
- 2010 NIAAA Symposium (at ASHG Meeting): Tightening the Genotype-Phenotype Gap— From Genetic Variation to Gene Function
- 2010 Keynote Speaker: CSHL Pharmacogenetics and Personalized Medicine Meeting
- 2010 American Society of Hematology Annual Meeting
- 2010 HHMI Workshop: Unraveling Epigenomics in Health and Disease
- 2011 Keynote Speaker: Association of Biomolecular Resource Facilities (ABRF) Annual Symposium
- 2011 Nature Conference: Human Genomics— The Next 10 Years
- 2011 Joint International Conference of the African and Southern African Societies of Human Genetics
- 2011 2011 ELSI Congress: Exploring the ELSI Universe
- 2011 2011 College of American Pathologists (CAP) Policy Meeting
- 2011 The Future of Pathology in Personalized Medicine— A Stakeholder Summit
- 2011 Academy of Clinical Laboratory Physicians and Scientists Annual Meeting
- 2011 Jackson Laboratory Short Course on Medical and Experimental Mammalian Genetics
- 2011 Keynote Speaker, Gordon Research Conference: “Human Genetics and Genomics”
- 2011 Keynote Speaker, NIDA/NIAAA Satellite Symposium at the World Congress of Psychiatric Genetics: “The Genetics and Epigenetics of Substance Abuse”
- 2011 CDC Meeting: “Developing Priorities for Public Health Genomics 2012-2017”
- 2011 Proteus Syndrome Foundation Meeting

**PUBLICATIONS:**

1. Green ED, Gruenebaum J, Bielinska M, Baenziger JU, and Boime I: Sulfation of lutropin oligosaccharides with a cell-free system. *Proc Natl Acad Sci USA* 81:5320-5324, 1984. [PMID: 6591193](#) [PMCID: PMC391695]
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