

JUDY KEEN, PH.D.

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WWW.JUDYKEENPHD.COM

Ph.D. from Johns Hopkins
AAAS Science and Technology Policy Fellow
Strong background in research and securing funding
Science policy experience at the state and federal levels
Well-developed network in Science, Technology, Engineering and Mathematics

American Society for Radiation Oncology, Fairfax, VA

Director of Scientific Affairs

Presently, leader in the development of new scientific programs for a professional society with over 10,000 members worldwide. Experienced scientific researcher, grant writer and reviewer, and program director with hands-on knowledge of academic, non-profit, and government institutions. Dedicated leader who understands how to incorporate new technologies and procedures into ongoing projects in a dynamic fashion. Effective communicator and manager who has led diverse teams in fast-paced, evolving, and challenging environments.

National Breast Cancer Coalition, Washington, DC

March 2015 – January 2016

Director of Research Collaborations

Scientific oversight for all science programs
Program director for the all research projects
Provide in depth analysis of the latest scientific data for all staff, government relations, and advocates

National Cancer Institute, National Institutes of Health, Bethesda, MD

August 2012 - March 2015

Program Director

Division of Cancer Treatment and Diagnosis, Cancer Diagnosis Program,
Biorepositories and Biospecimen Research Branch (BBRB)

Strategic planning, budgeting, and coordination of genomic, clinical data, and biospecimen collection
Develop new funding programs for scientific researchers
Communicate latest findings through peer reviewed publications and presentations

Health Science Analyst

AAAS Science and Technology Policy Fellow, Office of the Director, Office of Science Planning and Assessment

Developed strategic plans and recommendations for senior staff
Performed portfolio analysis of the NCI grant funding
Coordinated the NCI scientific advances for US Presidential and Congressional Reporting
Aided in the creation and review of the Women's Health Grant Supplement

Sci on the Fly, AAAS S&T Policy Fellowship Program Blog, Washington, DC

2012 - Present

Blog Developer and Editor, Creator, Blogger, Editorial Board

Co-creator of the Sci on the Fly blog (www.aaaspolicyfellowships.org/sci-fly)
Founding Member of Sci on the Fly Editorial Board

n3 science communications, Chevy Chase, MD

2010 - 2013

Owner/Founder

Review and reporting of scientific evidence for non-profit, and for-profit companies
Conduct seminars to improve science communication skills

Robert Wood Johnson Medical School, University of Medicine and Dentistry of New Jersey, New Brunswick, NJ

2006 - 2012

Assistant Professor , Department of Medicine

Secured external funding to support breast cancer research efforts
Demonstrate how chemotherapy can be improved in breast and pancreatic cancer
Subject Matter expert for grant review panels and peer-reviewed journals
Promoted STEM Education at Historically Black Colleges and Universities
Aided in the development a Systems Biology Research Consortium and Facility
Testified at the NJ State Assembly in support of the System Biology Research Facility

Coriell Institute for Medical Research, Camden, NJ

2005 - 2006

Principal Investigator of \$10+ Million contract of the Human Genetics DNA Repository
Secured \$2 Million in contracts to expand and develop new repositories
Developed, managed, and guided scientific coordination and public outreach among researchers, professional societies, and patients

University of Maryland University College, Adelphi, MD

2003 – 2005

Assistant Professor, Department of Biology

Established online laboratory class for undergraduate non-biology majors

Johns Hopkins University, Baltimore, MD

1994 - 1997

Senior Laboratory Technician, Department of Anesthesiology

Studied novel pathways involved in the relaxation of muscle tissues in asthma

Medical University of South Carolina, Charleston, SC

1993 - 1994

Laboratory Technician, Department of Psychiatry

Conducted experiments on prenatal cocaine effects on the dopaminergic system

Advisory and Editorial Boards

Johns Hopkins Bloomberg School of Public Health Global Alumni Network, member 2017 - present

Johns Hopkins Alumni Council, member 2016 - present

Sci on the Fly, Founder and board member, 2012 – present

Liberal Education, American Association of Colleges and Universities, 2014 – present

Non-Profit and Advocacy Experience

American Association for Cancer Researchers, 2001 - present

American Association for the Advancement of Science, 2012 - present

American Cancer Society, Local Ambassador, 1999 – 2003

Amyotrophic Lateral Sclerosis Association, Philadelphia, 2012 - 2013

Amyotrophic Lateral Sclerosis Association, National, 2005 - 2006

Amyotrophic Lateral Sclerosis Association Research Group, 2005 -2006

American Medical Writers Association, 2010 - 2013

Heart of Camden, 2006-2007

New Jersey State Assembly, Appropriations, Provided Testimony, 2006

New Jersey Systems Biology Building Committee, 2005 - 2010

Sci on the Fly, Science and policy blog, in collaboration with AAAS, 2013 - present

Siemens College Scholarship Program, first round judge, 2004 - present

Scientific Grant Review Panels and Subject Matter Expert

Breast Cancer Campaign UK, Grant Review Panel, 2010
Department of Defense, CDMRP Grant Review Panel, 2008 –2011
Educational Testing Service, Grader, Biology Advanced Placement Exam, 2006
Fellows Day, Johns Hopkins School of Medicine, Winner, 2006
Foundation of the University of Medicine and Dentistry of New Jersey, Grant Panel, 2010-2011
National Institutes of Health, Ad Hoc Grant Review Panel, 2006, 2011, 2013, 2014
National Institute for Environmental Health Sciences, Grant Review Panel, 2006
National Science Foundation Grant Review Panel, 2009, 2011 - 2013
New York State Breast Cancer Grant Program, Reviewer, 2010
Robert Wood Johnson Foundation, Grant Review Panel, 2009 - 2011
Scientific Journal Reviewer, 2001 - 2012
Siemens Foundation College Scholarship, Judge, 2004 - Present
University of Maryland Eastern Shore, Science Day Judge, 2005, 2009

Awards

NCI Directors Award, GTEEx Project, 2015

Education

Johns Hopkins University, Baltimore, MD

Postdoctoral Training, School of Medicine, Breast Cancer, 2001 – 2005
Mentor: Dr. Nancy Davidson

Ph.D., Bloomberg School of Public Health, Environmental Health Science - Physiology, 2001

Mentors: Dr. Marsha Wills-Karp, Dr. Steve Georas

Master of Science, School of Arts and Sciences, Biotechnology, 1997

Gettysburg College, Gettysburg, PA

Bachelor of Science, Biology, 1992

Grant and Contract Management

Principal Investigator or co-Investigator on grants and contracts totaling over \$11 Million
Manager of biospecimen and data collection program totaling over \$20 Million

Leadership and training certifications

Federal Contract Officers Representative
Project Management Strategic Planning and Facilitation
Congressional Operations

Publications and Peer – reviewed manuscripts

Keen and Moore, Journal of Personalized Medicine 5:22-19 (2015)
Williams et al, PLoS One 5:e15455 (2010)
Licata et al, Breast Cancer Research and Treatment 122:55 (2010)
Brody et al, Future Oncology 5:1317 (2009)
Constantino et al, Cancer Research 69: 4567 (2009)
Obajimi et al, Prostate 69:1206 (2009)
Hostetter et al, Cancer Letters 275: 178 (2009)
Hostetter et al, Cancer Biology and Therapy 7:1496 (2008)
Keen et al, Cancer Biology and Therapy 7: 1591 (2008)
Simon-Sanchez et al, Human Mol Gen 16:1 (2006)
Huang et al. J Biol Chem 281:19055 (2006)
Abukhdeir et al, Breast Cancer Research and Treatment 99: 23 (2006)
Keen et al, J Biol Chem 208: 29519 (2005)
Keen et al, Cancer Biology and Therapy 3: 1304 (2004)
Keen et al, Breast Cancer Research and Treatment 81: 177 (2003)
Huang et al, Molecular Cancer Research 2: 81 (2004)
Keen and Davidson, Cancer 97:825 (2003)
Keen et al, Immunology 117: 29 (2005)
Valapour et al, J Allergy and Clinical Immunology 109:238 (2002)
Keen et al, Am J of Respiratory Cell and Molecular Biology 24: 58 (2001)
Guo et al, J Biol Chem 276:48871 (2001)
Emala et al, Am J of Cell Physiology 279: C1008 (2000)
Shears et al, Am J of Physiology: Lung Cellular and Molecular Physiology 27: L640 (1997)
Emala et al, Am J of Physiology: Lung Cellular and Molecular Physiology 16: L745 (1997)



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