

JOSEPH T. MEYEROWITZ

California Institute of Technology
Biochemistry and Molecular Biophysics

Email: jmeyerow@caltech.edu
Website: joemeyerowitz.com

EDUCATION

California Institute of Technology, Pasadena, CA

Pursuing Ph.D. in Biochemistry and Molecular Biophysics 2009 –
National Science Foundation Graduate Research Fellowship (2010) 2012 – 2015
National Defense Science and Engineering Graduate Fellowship (2009) 2009 – 2012
Department of Homeland Security Graduate Fellowship (2009) Declined

Duke University, Durham, NC

B.S.E. in Electrical and Computer Engineering 2005 – 2009
B.S. in Physics

Graduated with Departmental Distinction in Electrical and Computer Engineering
Senior Thesis: "Enabling Realtime Location Privacy with Predictive Anonymization"
Pratt Undergraduate Research Fellowship 2008 – 2009

RESEARCH EXPERIENCE

Rotation Student with Frances Arnold, Rob Phillips, Niles Pierce, and Richard Murray 2009 – 2010
Pratt Fellow with Romit Roy Choudhury 2008 – 2009
Undergraduate Research Assistant with Chris Dwyer Fall 2008
Undergraduate Research Assistant with David Brady Fall 2007

Peer Reviewed Publications:

- 2) Hiding Stars with Fireworks: Location Privacy through Camouflage, J. T. Meyerowitz and R. R. Choudhury. ACM Mobicom 2009. doi: 10.1145/1614320.1614358
Highlighted in "Scanning the Literature", IEEE Wireless Communications, Feb. 2010. doi: 10.1109/MWC.2010.5416343
- 1) CacheCloak: Breaking Away from Lossy Location Privacy with Mobility Prediction, J. T. Meyerowitz and R. R. Choudhury. ACM HotMobile 2009. doi: 10.1145/1514411.1514413

PUBLIC SERVICE AND INDUSTRY EXPERIENCE

White House Office of Science and Technology Policy, Student Volunteer Summer 2009
Inner Products Group, Co-Founder 2009 –
Medtronic Cardiac Rhythms and Disease Management, Research Systems Summer Associate Summer 2007
Roosevelt Institution, Interim Technology Manager (Volunteer, Part-time) Summer 2005
JPL/NASA Mars Exploration Rover Mission – Image Processing, Student Support Summer 2005
JPL/NASA Mars Exploration Rover Mission – Rover Planning / Image Processing, Student Support Summer 2004
Avery Dennison Research Center – Polymer Division, Co-op (Part-time) Summer 2003

TEACHING EXPERIENCE

Science and Engineering Courses:

"The Great Ideas of Biology: An Intro through Experimentation" (Bi1X, Caltech), Graduate TA Spring 2010
"Computer Network Architecture" (ECE156, Duke), Undergraduate TA Fall 2008
"Fundamentals of Electrical and Computer Engineering" (ECE27L, Duke), Undergraduate Project TA Spring 2007

Other Teaching Experience:

Caltech iGEM Team, Graduate Coach 2009 –
"Living Off the Grid" (HCS79, Duke), Course Co-Founder and Co-Instructor Spring 2009
"Wilderness Medicine" (Paramedic Course, Durham Technical Community College), Module Planner Fall 2008
"Experiential Education" (HCS79, Duke), Co-Instructor, Module Co-Instructor 2006 – 2009
"Wilderness Medicine Refresher Class" (Duke), Co-Instructor 2006 – 2009