

Daniel R. Karlin, MD, MA | Senior Director

Quantitative Medicine | Neuroscience and Pain Research Unit
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Professional Positions

Senior Director, Quantitative Medicine; Group Lead, Human Exploratory Biology and Medical Informatics; Clinical Lead, Project BlueSky; Neuroscience Research Unit, Pfizer Inc., 11/2015-Present, Cambridge, MA

Director, Human Experimental Biology Lead, Computational Neuromedicine and Human Biology, Neuroscience Research Unit, Pfizer Inc., 7/2014-10/2015, Cambridge, MA

Associate Training Director, Assistant Professor of Psychiatry, Director of Psychiatry Informatics, Department of Psychiatry, Tufts University School of Medicine and Tufts Medical Center, 7/2013-Present, Boston, MA

Physician Information Technology Liaison, Tufts Medical Center, 7/2013-7/2014, Boston, MA

Clinical Translational Fellow, Computational Neuromedicine and Exploratory Human Biology, Neuroscience Research Unit, Pfizer, 7/2013-7/2014, Cambridge, MA

Clinical Instructor in Psychiatry, Tufts University School of Medicine, 7/2012-6/2013, Boston, MA

Clinical Associate in Psychiatry, Tufts University School of Medicine, 6/2010-6/2013, Boston, MA

Clinical Associate in Pediatrics, Tufts University School of Medicine, 6/2009-6/2010, Boston, MA

Assistant Research Scientist, New York State Psychiatric Institute and Department of Biomedical Informatics, Columbia University, 9/2003-5/2005, New York, NY

Board Certifications

Psychiatry, American Board of Psychiatry and Neurology, 9/2013-Present

Clinical Informatics, American Board of Preventive Medicine, 12/2014-Present

Addiction Medicine, American Board of Addiction Medicine, 12/2015-Present

Education and Training

Executive Chief Resident, Psychiatry, Tufts Medical Center, 7/2012-6/2013, Boston, MA

Resident, Psychiatry, Tufts Medical Center, 7/2010-6/2012, Boston, MA

Intern, Triple Board, Floating Hospital for Children, Tufts Medical Center, 6/2009- 6/2010, Boston, MA

MD, University of Colorado School of Medicine, 7/2005-5/2009, Denver, CO

MA, Clinical Informatics & Cognition, Biomedical Informatics, Columbia University, 7/2003-5/2005, New York, NY

BA, Neuroscience and Behavior, Columbia University, 8/1997-5/2001, New York, NY

Clinical Positions

Outpatient Psychiatrist, Column Health, 6/2015-Present, Boston, MA

Attending Psychiatrist, Tufts Medical Center, 7/2013-Present, Boston, MA

Outpatient Psychiatrist, Arbour Counseling Center, 11/2012-Present, Allston, MA

Inpatient Psychiatrist, Bayridge Hospital, 7/2011-Present, Lynn, MA

Inpatient and Consult Psychiatrist, Beverly Hospital, 7/2011-Present, Beverly, MA
Inpatient and Consult Psychiatrist, Harrington Hospital, 10/2011-7/2014, Southbridge, MA
Inpatient Psychiatrist, Westwood Lodge Hospital, 7/2011-7/2014, Westwood, MA
Inpatient Psychiatrist, Lowell Treatment Center, 7/2011-7/2014, Lowell, MA

Honors and Awards

Tufts University School of Medicine, Citations for Teaching Excellence, 2012-2013
Massachusetts Medical Society, Resident Technology Award, Finalist, 2012
American College of Psychiatrists, Laughlin Fellowship, 2012
Tufts University School of Medicine, Citation for Teaching Accomplishment, 2011-2012
Tufts Medical Center, Department of Psychiatry Excellence in Teaching Award, 2011-2012
Health 2.0, HHS Developer Challenge, Regional and National Project of the Year, 2011
Practice Fusion and Microsoft, "Analyze This" Challenge, Finalist, 2011
Tufts University School of Medicine, Citation for Teaching Excellence, 2010-2011
Tufts Medical Center, Department of Psychiatry Excellence in Teaching Award, 2010-2011
University of Colorado, Rudin Foundation Scholarship, 2007-2009
Colorado Rotary Club Scholarship for International Research, 2007-2008
Columbia University, Department of Biomedical Informatics Student Representative, 2004-2005
Columbia University, Gold Kings Crown Award for Student Leadership, 2000-2001

Publications

Karlin, DR. Residents Will Be Ambassadors of Medical Technology. *Psychiatric News*. 2013 Sep 9.
Scott DJ, Campbell DN, Clarke DR, Goldberg SP, Karlin DR, Mitchell MB. Twenty-year surgical experience with congenital supra-aortic stenosis. *Ann Thorac Surg*. 2009; 87: 1501-1508.
Patel VL, Arocha JF, Branch T, Karlin DR. Relationship between small group problem-solving activity and lectures in health science curricula. *J Dent Educ*. 2004 Oct;68(10):1058-80.
Patel VL, Arocha JF, Chaudhari S, Karlin DR, Briedis DJ. Knowledge integration and reasoning as a function of instruction in a hybrid medical curriculum. *J Dent Educ*. 2005 Nov;69(11):1186-211.
Patel VL, Gutnik LA, Karlin DR, Pusic M. Calibrating urgency: triage decision-making in a pediatric emergency department. *Adv Health Sci Educ Theory Pract*. 2007 Mar 16.
The Impact of Socio-cultural and Organizational Aspects of an Inpatient Child and Adolescent Psychiatric Environment on the Quality of Decision Making (in process paper, Spring 2011)

Teaching and Professional Development

Faculty, Clinical Skills Interclerkship, Tufts University School of Medicine – a Multi-Disciplinary Standardized Patient-based clinical skills exercise for all third year students 2012, 2013
Participant, Tufts University School of Medicine. Resident-As-Teachers Faculty Development Program: Role Modeling Compassionate Care: An Innovative Resident-as-Teacher Faculty Development Initiative. Funding by The Arthur Vining Davis Foundations. 7/2010-7/2011, Boston, MA.

Small Group Facilitator, University of Colorado School of Medicine, 6/2008-5/2009, Denver, CO
MCAT preparation teacher and individual tutor, Kaplan Test Prep, 10/2005-11/2007, Denver, CO
Teacher, Biology and Mathematics, Mount Snow Academy, 11/2002-5/2003, West Dover, VT
Teaching Assistant, Department of Biology, Columbia University, 8/2000-5/2001, New York, NY

Selected Lectures and Presentations

Meeting Host, Mobile@dPharm, dPharm, 9/2015

Invited Presentation, "Mobile Data in Clinical Trials," dPharm, 9/2015

Invited Lecture, "Informatics Instruction, Opportunities and Obstacles," Tufts Medical Center, 1/2015

Psychiatry Didactics for Third Year Tufts Medical School Students including "Psychosis," "Psychotherapies," and "Psychiatric Diagnosis and the Mental Status Exam," Scheduled lectures, Tufts Medical Center, 10/2010-5/2013

Compassionate Care: An Ethical Imperative, Ethics Grand Rounds, Tufts Medical Center, 5/2011

Collaborative Emergency Services Development: Rwanda and Beyond, Invited Lecture, Students for Global Health, University of Colorado School of Medicine, 10/2006

Perspectives on International Health Care, Invited Lecture, University of Colorado, Doctoral program in Physical Therapy, 11/2006

Applying Cognitive Science Knowledge and Techniques to Emergency Medical Services, Lecture and Paper, Department of Biomedical Informatics, Columbia University, 3/2004

Evaluating the Feasibility of a Unified Knowledge-Based Terminology for Emergency Preparedness and Response, Lecture and Paper, Department of Biomedical Informatics, Columbia University, 4/2004

Five-year cost model for implementation of a computer-based patient record in a small group practice, Lecture and Cost Model, Department of Biomedical Informatics, Columbia University, 5/2004

Public Health Implications of a Portable Electronic Personal Health Record, Lecture and Paper, Department of Biomedical Informatics, Columbia University, 2/2005

Viral Encephalitis as a Bio-Terrorism Concern for New York City, Lecture and Paper, Department of Biochemistry, Columbia University, 4/2005

Projects, Companies, and Intellectual Property

Chief Medical Officer, Triple Canopy Advisors, 1/2014-Present, Boston, MA

Founder and Chief Medical Officer, Column Health, 1/2014-Present, Boston, MA

Founder, RationalPsych, 9/2010-1/2014, Boston, MA

Founder and Executive Director, Center for International Emergency Medical Services, 8/2006-Present, Denver, CO

Best Endings, Chief Medical Officer, 2012-2014

Medical Conduit Protection Devices and Systems, Creator, Patent Pending, 5/2012-Present

Gait Assessment and Gesture Evaluation (GAGE), Co-Founder and Chief Medical Officer, 2/2011-Present

ScriptDrift Prescription Drug Pattern Monitoring System, Co-creator and Clinical Leader, 2/2011-7/2014

Infant Reflux Control Device, Creator, Patent Pending, 1/2010-1/2011

Hill Chief, Electronic Rescue Record System, Design, Build, Maintain, 2001-2005

EMSlog, Electronic EMS Record System, Design, Build, Maintain, 1997-2005

Grant Writing

Cognitive Aspects of Mental Health Diagnosis and Management in Primary Care, NIH R01, 2004-2005

Additional Experience

Ski Patrol Supervisor, Echo Mountain Rescue, 11/2005-5/2009, Evergreen, CO

Ski Patrol Supervisor and Director of Rescue Information Systems, Mount Snow Rescue, 10/2001-5/2005, West Dover, VT

Executive Director & Chief Medical Officer, Columbia University Emergency Medical Service, 9/1997-5/2005, New York, NY

Volunteer Positions and Committee Memberships

Member, Committee on Mental Health Information Technology, American Psychiatric Association, 5/2014-5/2016

Member, Monitoring and Evaluation Team, Minds Foundation, 5/2014-Present

Member, Care Improvement Council, Tufts Medical Center, 8/2013-8/2014

Member, ICD-10 Leadership Group, Tufts Medical Center, 7/2013-7/2014

Member, Meaningful Use Workgroup, Tufts Medical Center, 6/2013-7/2014

Member, Healthcare Information Committee, Tufts Medical Center, 7/2013-7/2014

Resident Member, Medical Board, Tufts Medical Center, Boston, MA, 1/2013-7/2013

Mentor, Sandbox Industries, Healthbox Accelerator, 7/2012-Present

Member, Massachusetts Medical Society, Resident Subcommittee on Emergency Preparedness, 1/2012-7/2013

Member, HiMSS, Ambulatory Behavioral Health for Underserved Communities Work Group, 1/2012-Present

Member, American Psychiatric Association Board of Trustees' Ad Hoc Work Group on New Technology, 11/2011-7/2013

Member, Physician Information Technology Committee, Tufts Medical Center, 10/2011-7/2014

Member, Residency Training Committee, Department of Psychiatry, Tufts Medical Center, 7/2010-Present

Member, Quality Improvement Committee, Department of Psychiatry, Tufts Medical Center, 7/2010-Present

Member, Clinton Global Initiative, 1/2009-Present

Member, Board of Advisors, New Horizons Initiative Inc, 9/2008-Present, Nairobi, Kenya and New York, NY

Member, LCME Accreditation Committee, Educational Resources Task Force, 7/2007 - 4/2008, Denver, CO

Member, Committee on Practice Environment, Colorado Medical Society, 10/2006-5/2009, Denver, CO

Advisor, Clinical Informatics, Colorado Medical Society, 10/2006-5/2009, Denver, CO

Member, Colorado TierOne Emergency Preparedness and Response, 11/2006-5/2009, Denver, CO

Founder, SOMwiki, University of Colorado School of Medicine, 12/2005-5/2009, Denver, CO

Volunteer, Warren Village Pediatric Clinic, 8/2005-5/2007, Denver, CO

Member, Columbia University Alumni Representative Committee, 6/2005-2009, New York, NY

Member, New York City Medical Reserve Corps, Disaster Medical Aid Team, 6/2001-5/2005, New York, NY

Sector Medical Coordinator, World Trade Center Disaster Response Team, 9/2001, New York, NY

Member, Columbia University Alcohol and Sexual Assault Task Force, 6/1999-5/2001, New York, NY

Professional Organizations

New York Academy of Science, 2014-Present

American Medical Informatics Association, 2003-Present

American Medical Association, 2005-Present

American Psychiatric Association, 2010-Present

HiMSS, 2011-Present

American College of Physician Executives, 2011-2014

American College of Physicians, 2005-2009

American Medical Student Association, 2005-2009

American Academy of Child and Adolescent Psychiatry, 2008-2010

American Academy of Pediatrics, 2009-2010

Licensure and Certifications

Massachusetts Unrestricted Medical License

DEA Practitioner Registration and Buprenorphine Waiver

Basic and Advanced Cardiac Life Support

Basic and Advanced Disaster Life Support

FEMA certificates for Incident Command Systems and Emergency Management

FCC Licensed for Radio Communications Systems