

# RICHARD T. KIOK

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## EDUCATION

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**University of Pennsylvania (Philadelphia, PA) 2003-Present**  
**Post-baccalaureate Program in Pre-health Sciences**

- Completed the academic requirements necessary for application to medical schools.
- Worked in the McKay Orthopaedic Research Lab to create osteoblast senescence models.
- Conducted clinical research in the Emergency Department at the Hospital of the U. of Pennsylvania.
- Founder and Chairman of the Post-baccalaureate Pre-health Society (PPS).

**University of Pennsylvania (Philadelphia, PA) 1998-1999**  
**Master of Science in Biotechnology**

- Associate Director for Bioengineering, Engineering Peer Advising Council.

**University of Pennsylvania (Philadelphia, PA) 1995-1999**  
**Bachelor of Science in Engineering / Bioengineering**

- Senior Design Thesis: "Analysis Software for the Photon Migration Amplitude Cancellation Portable Breast Tumor Imaging System Developed in Matlab."
- Teaching Assistant, BE-324: Chemical Basis of Bioengineering II.
- President, Society of Bioengineering (SoBE) and VP, Hexagon Senior Society for Engineers.
- Engineers' Club of Philadelphia Young Engineer Award recipient, 1999; Hugo Otto Wolf Memorial Award recipient, 1999; and Society of Bioengineering Officer of the Year, 1997-1998.

## EMPLOYMENT HISTORY

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**Syngy, Inc. (Conshohocken, PA) 2002-2003**  
**Associate Business Analyst (Schering Plough Labs Incentives)**

- Managed the incentive plans and processed monthly incentives for a field force of 100 people.
- Maintained the central calculations of the processing system developed in Syngy Compensation v. 9.0 for the entire project distributing monthly incentives of over \$10 million to nearly 4,000 people.

**PricewaterhouseCoopers, Management Consulting (New York, NY) 2000-2001**  
**Consultant (Human Resources Data Warehouses)**

- Directed the system/integration test of an online benefits enrollment system and Plumtree portal and coordinated testing among 100 people from six client groups.
- Supervised the development lifecycle of the client/server reporting solution for a human resources data warehouse used to determine employee headcount.

**Journal of Young Investigators, Inc. (<http://www.jyi.org/>) 1998-2000**  
**President and Chief Executive Officer (1999-2000)**

- Conducted the operations of the premier peer-reviewed undergraduate science journal. Supervised a staff of approximately 40 undergraduates from 30 colleges and universities across the country.
- Developed critical marketing, financial, business, and recruiting strategies to strengthen the organization's position as the eminent undergraduate research journal.

## RESEARCH EXPERIENCE

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**Hospital of the University of Pennsylvania (Philadelphia, PA) 2004-Present**  
**Academic Associate, Clinical Research in Emergency Medicine**

- Identified and enrolled patients into our studies: Early Identification of Patients with Acute Coronary Syndrome (ACS), Abdominal Pain, Clinical Utility of the Triage Stroke Panel, Misoprostol vs. D&C for Treatment of Early Pregnancy Failure (MEPF), Minor Trauma Recovery, and Domestic Violence.
- Entered data and conducted follow-up phone calls for the Abdominal Pain and ACS studies.

**McKay Orthopaedic Research Laboratory (Philadelphia, PA) 2003-Present**  
**Independent Study Project with Dr. Robert Pignolo, MD, PhD**

- Conducted a research project to develop a model for osteoblast senescence.
- Applied techniques involving tissue culture, immunofluorescence, and RNA isolation.