

Resume

Mark Johnson

Northwestern University
TECH, E378
2145 Sheridan Road
Evanston, IL 60208
847-467-7143, m-johnson2@northwestern.edu

Education: Awarded undergraduate degrees in interdisciplinary engineering and mathematics from Purdue University in 1975. Received Master's degree (1981) and PhD (1987) from MIT. Doctoral thesis title: "Transport through the aqueous outflow system of the eye".

Athletic Experience: Varsity High School Tennis Team, Lawrence Central, Indiana, 1969-1971; Varsity High School Wrestling Team, Lawrence Central, Indiana, 1969-1971; Varsity College Wrestling Team, Purdue University, 1971-1974; Ranked #5 in Massachusetts State B Hardball Squash League, 1993-94; 1994-95; Team Captain of MIT A League Squash Team, Massachusetts State A League 1999-2000

Coaching Experience:

- ASSISTANT MIT VARSITY SQUASH COACH, Sept 1995 to March 1998
- HEAD SQUASH COACH, Northwestern Undergraduate Squash, Sep 2000-Dec 2009
all results below are for all varsity and club college squash teams in US
 - Highest US Team Ranking: #23 in US (Nov 2004)
 - Team Received Barnaby Award for Most Improved Team in US (February 2005)
 - Edward Gadiant competed in Men's Individual National Squash Championship (March 2007)
 - Edward Gadiant ranked #100 in US in Men's College Squash (March 2007)
 - Edward Gadiant competed in Men's Individual National Squash Championship (March 2008)
 - Edward Gadiant ranked #118 in US in Men's College Squash (March 2008)
 - Highest End of Season US Team Ranking: 26 (March 2009)
 - Diana Sands competed in Women's Individual National Squash Championship (March 2010)
 - Diana Sands ranked #103 in US in Women's College Squash (March 2010)
 - College Squash Association Ranking Committee (2006-2009)

Academic Appointments: Research Engineer at MIT from Apr. 1981 to Aug. 1985. Instructor in Mechanical Engineering at MIT from Sept 1986 to Jan 1987. Associate in Ophthalmology at Harvard Medical School from May 1986 to June 1988. Research Associate at the Massachusetts Eye and Ear Infirmary from May 1984 to Sept. 1991. Instructor in Ophthalmology at the Harvard Medical School from July 1988 to Sept. 1991. Research Engineer at MIT from May 1987 to Apr 1990. Principal Research Engineer at MIT from May 1990 to Dec 1999. 2000 to 2008 Associate Professor of Biomedical Engineering and Ophthalmology, Northwestern University, 2008 to present: Professor of Biomedical Engineering, Mechanical Engineering (2011-present) and Ophthalmology, Northwestern University.

Work Experience: Worked as a mini-computer program for Powers Regulator Co. (Chicago, Ill) in the summer of 1974 and a research assistant at Argonne National Laboratories (Chicago, Ill) in the summer of 1975. Test engineer at TRW Inc. (Cleveland, Oh) from Sept 1975 to Apr. 1977. Design engineer at Pratt & Whitney Aircraft (West Palm Beach, Fl) from May 1977 to July 1979. Mid-Atlantic Coordinator for the Paul Tsongas for President Campaign (Boston, MA) from Dec 1991 to March 1992.