

MARY-BETH ELDER, M.D.

2222 Church Street – Evanston, IL 63333
777-666-5555 – elder@nwu.edu

MEDICAL CONSULTANT

Excellent communication skills shown with supervisors, colleagues, and general public. Identify issues, form hypotheses, design and conduct analyses, synthesize conclusions into recommendations, and implement change. Self-starter, disciplined, confident, and goal oriented. Adept at giving superior written and oral presentations to groups of experts. Motivate members of a team toward common goals. Fluent in French.

EDUCATION

Medical Doctor

Northwestern University School of Medicine, Evanston, IL, May 2001
Additional training in Microsurgery.
Scores: Boards 97%; MCAT 99th Percentile

Bachelor of Arts Degree with majors in Psychology and Biology; GPA 3.92/4.0
Notre Dame University, South Bend, IN, 1996

EXPERIENCE

Research Assistant

Northwestern University School of Medicine, Evanston, IL, June 1998– August 1998
Verified and expanded theories through hands-on research under direction of scientist. Exemplified patience and perseverance. Utilized sophisticated state-of-the-art equipment. Mastered the arts of time management, organization, and record-keeping. Worked independently and as part of a team to accomplish common department goals.

- Ran sub-set of experiment to sequence various proteins implicated in oncogenesis.

Research Assistant

Northwestern University School of Medicine, Evanston, IL, June 1996– July 1997
Organized year long research project to isolate mannose receptor and its associated proteins. Developed research protocols. Oversaw three interns. Led weekly Journal Club. Held weekly meetings with 30 lab people to summary previous week's data and findings. Became proficient in use of PCR, Western and Northern Blot, Protein electrophoresis, and other technologies. Assisted primary investigator with grant writing.

- Gained additional funding for further research by discovering two potential proteins associated with Mannose receptor.

Research Assistant

Avalon Cancer Center, Denver, CO, May 1993– August 1993
Ran experiments in the lab, sequencing proteins implicated in cancer. Wrote grants and published journal articles. Supervised cleanliness and organization of lab and calibration of equipment. Kept data logs of all experiments and worked closely with Ph.D.s in analysis of data.

- Assisted in the sequence of three proteins associated with oncogenesis (the development of cancer).

Lab Technician

Northwestern University School of Medicine, Evanston, IL, Summers 1989, 1990, 1991
Conducted experiments pertaining to reconstructive surgery.

- Developed research data that led to better surgical techniques.

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PUBLICATIONS

Epstein, E., Schorr, M., Young, A. E., and Weisenborn, S. "Prospective and randomized determination of the efficacy of topical lipolytic agents". *Aesthetic Surgery Journal* 17(5): 304-307, Sept./Oct. 1997.

Gumvaio C., Lund, H., and Young, A. E. "Diagnosis and Management of Ulnar Nerve Entrapment". *Missouri Medicine* 89(4): 231-240, 1992.

Logan, S., Fernando, B., Grasse, P., Seaton, M. and Young, A. "Grip Strength before and after carpal tunnel decompression". *Southern Medical Journal* 85(9): 897-900, 1992.

Young V., Brown, D., and Young A. E., "Gynecomastia" *Missouri Medicine* 88(3): 153-158, 1991.

PRESENTATIONS

"Cell-Mediated Endocytosis and the Mannose Receptor," *Missouri Cell Biology Conference*, June 1999.

"Inflammatory Mediators of Auto-Immune Disease," *Plastic Surgery Society*, June 1998.

HONORS AND AWARDS

Phi Beta Kappa

Barry J. Brown Award for Excellence in Anatomy

Highest Grade in Class of Psychiatry Station, 5 Year

Award for Best Scientific Presentation of Summer Research, 1998

Alpha Epsilon Delta (Premedical Honor Society)

Psi Chi (Psychology Honor Society)

National Freshman Honor Society

Dean's List 8 Semesters

Mortar Board

Smith Award for Community Service

Reavis Award for Excellence in Biological Sciences

COMMUNITY INVOLVEMENT

Northwestern University

Social Chair - Organized social events for medical school class. One of only eight to plan annual Med-Ball with \$8,000 budget and attendance of more than 900.

Student Clinic - Managed free clinic overseeing patient care, finance, networking with superiors and drug-rep companies to obtain free equipment and medications.

Notre Dame University

Delta Delta Delta - Vice President, Rush Chair, Risk Management, 1993-1996

Community Service Club, 4 years, Fund-Raising Chair, 1992-1996

PROFESSIONAL AFFILIATIONS

American Medical Student's Society (AMSA)

American Medical Women's Society (AMWA)