

## **MATTHEW A. WEED, Ph.D.**

Principal: Dr. Matthew A. Weed and Associates, LLC.

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### **Objective:**

To do good work with great people on issues in accessibility, educational search, healthcare and more.

### **EXPERIENCE**

**Principal, Dr. Matthew A. Weed and Associates, LLC.** 2016-present: Consult on accessibility of web, data, and facilities at leading institutions including the NIH; advise politicians on science (embryo engineering, gene science etc.) and health care; work to build cost-saving public/private community health partnerships; advise students seeking undergrad/advanced degrees; US and China talks on education, success with disability, and strengthening health professions training while reducing cost of care by partnering payers, patients and schools.

**Visiting Scholar and Hastings Fellow:** The Yale Interdisciplinary Center on Bio Ethics. Sept 2013-Dec 2015. Researched health professions school curricula with a focus on whether students gain experience of how patients function (and often fail to function) with disease and disability in the home and work environment.

**Interim Special Assistant to the Provost: The University of Wisconsin-Madison;** May 2012-Sept 2012

- Program development for a major in public health; interprofessional education and STEM diversity.

**Interim Associate Director: The Wisconsin Institute for Discovery;** May 2010-May 2012

- Budget, operations and outreach management of the \$150 million Wisconsin Institute for Discovery.
- Bridged diverse work cultures; managed staff; led or sat on committees; led successful STEM diversity recruiting; local and national Institute rep for Director/theme leaders/faculty studying bio, nano, health, and info technology. WID is part of a 3-unit \$500M public private alliance to grow high tech in WI.

**Postdoctoral Associate: Yale Departments of Genetics and Molecular, Cellular and Developmental**

**Biology;** June 2004-May 2010(**Visiting Scientist UW-Madison** Oct 2012-2013; Yale MCDB 2013-2015)

- Mentored students; embryo science/policy study; found health trainees' work in home care is limited.

### **HEALTH SECTOR MANAGEMENT, EDUCATION, INNOVATION, ADVOCACY, and POLICY**

- Speak to students/caregivers on success while managing chronic illness extra-clinically; 1989-present.
- Created and led health care programs; trained 1000+ student workers/volunteers to assist and prepare med doses for extra-clinical chronic health needs patients, 1989-present. System saved \$1 million+ in care costs; is known to impact providers' extra-clinical patient management and is in the literature.
- Proactive on programs for the disabled at 5 colleges; led 125 in making early e-text library; 1989-2014.
- Inspired and helped UW-Madison's Morgridge Center for Public Service to begin supporting student exposure to people with chronic health needs; engaging on and off campus partners to teach clients and caregivers about disability safe living, fall 2011-present. Co-wrote \$5 million proposal to fund scale-up.
- Developed and led the Wisconsin Institute for Discovery's "Discovering Careers in Healthcare and The Life Sciences", found 125 speakers & 30+ schools to inform 1100+ students on health and science jobs.
- Researched and advised on international health/science policy in the UK, EU, India and Iceland; audio interviews of 100+ legislators, senior scientists, officials, physicians, advocates and staff, 2000-2009.

### **NIH EXPERIENCE**

- **Consultant: The National Institutes of Health:** Bethesda, MD; Americans with Disabilities Act compliance; beta-tested accessible PubMed; advised on accessibility of facilities; 1994-present.
- Advised senior NIH leaders on comparative policy on embryo research and human cloning: 2001-2003.
- Science writer: The National Library of Medicine's "Genes and Disease" resource: 1998-2000.

### **TECHNOLOGY SKILLS AND EXPERIENCE**

- Macintosh, UNIX and Windows; biomedical databases; MS Office; online surveys; social networking.
- Co-proposed/co-organized finances, staff and IT help for the Yale text scanning system: 1<sup>st</sup> high-volume use of off-the-shelf tech to make printed text accessible to visually impaired and learning disabled; 2x faster conversion and 100x faster data retrieval than earlier methods; a key step to e-books; 1990-1997.

### **EDUCATION**

Yale University, New Haven, CT; **Doctor of Philosophy (Ph.D.) in Genetics**, May 2004

Harvard University, Boston, MA; **Master of Arts (M.A.) in Genetics**, June 1996

Princeton University, Woodrow Wilson School: **Master in Public Affairs (M.P.A.)**, Princeton, NJ; May 1995

Yale University, New Haven, CT; **Bachelor of Arts (B.A.) in Political Science**, May 1993

**REFERENCES;** Available on request.