



## Medical Social Sciences

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### Assistant Research Professor

We are recruiting for a research faculty position in Medical Social Sciences, a new department within Northwestern's Feinberg School of Medicine. Established in March, 2009, under the direction of Dr. David Cella, the Department provides a unique scientific home for applied researchers who integrate biomedical and social science approaches to improvement of health and health care delivery across the lifespan. The Department also serves as a catalyst for the University's "One Northwestern" initiative, promoting scientific integration across its biomedical and life sciences campuses, including collaborative ties with Centers, Institutes and basic and clinical departments across the University. Scientific themes of Departmental research are: (1) *outcomes research* including clinical trials and observational studies across multiple diseases; (2) *measurement science* including psychometrics and tool development ranging from patient-reported outcomes to direct assessments; (3) *psychosocial health promotion research* including quality of life, multi-component and symptom management; (4) *applied methods* including health information technology and advanced statistical modeling; (5) *health disparities reduction* including healthy literacy and gender-related disparities; (6) *generation of standardized phenotypes* including developmental and behavioral/social phenotypes and; (7) *Linkage of these phenotypes to underlying mechanisms* including psychosocial, genetic and neuroscientific processes.

The candidate will be joining the Department at a time of significant opportunity, as it forms its scientific direction. In collaboration with other departmental research faculty and staff, the Assistant Research Professor prepares proposals for industry funding, coordinates industry funded research projects, conducts appropriate statistical analyses for research projects, and actively participates in publication and presentation of results both in support and as a lead author.

#### Specific Responsibilities:

- Establishes working relationships with sponsor organizations;
- Coordinates drafting, budget preparation and submission of research proposals;
- Identifies critical tasks and personnel required to complete projects successfully;
- Monitors project status and ensures that tasks and deliverables are completed on time;
- Conducts and leads project planning meetings and/or conference calls when required;
- Is involved with all phases of project from design to deliverables;
- Develops computer programs and performs statistical analyses, including analysis of longitudinal data;
- Serves as principal investigator and assists others in the preparation of manuscripts, reports, abstracts, and protocols;
- Presents research findings at regional and national meetings;
- Develop new skills as needed to meet project demands;

- Performing related duties as required or assigned.

*Commitment to help foster the department's culture of respect and teamwork are equally important as job qualifications.*

**Minimum Qualifications:**

Successful candidates must have a Ph.D. or equivalent and two years of relevant research training and/or experience in the following fields: biostatistics, epidemiology, and health economics.

Must have experience in statistics, research, and statistical data processing from which comparable skills and abilities may be acquired;

Minimum of three to five years experience in a medical or social science research environment including experience in SAS programming and statistical analysis;

Minimum 1-2 years experience with project coordination including scientific proposals, budgets, contracts and tracking of project timelines;

Knowledge of research design and statistical analysis methods;

Experience with longitudinal data analysis and statistical methodologies for missing data;

Ability to plan, direct and coordinate an outcomes research project proposal and implementation;

Expertise in SAS programming and excellent technical troubleshooting and problem solving skills;

Knowledge of clinical trials, the pharmaceutical industry and regulatory authorities;

Demonstrated effective written and verbal communication skills and the expertise to translate technical terminology into understandable terms;

Generally needs little direction in addressing day-to-day tasks and able to manage competing priorities;

Demonstrated ability in high-level problem solving;

Communicates effectively one-to-one, in small groups and in public speaking contexts.

**Preferred Qualifications:**

More than five years experience in a medical or social science research environment including experience in SAS programming, statistical analysis, and project coordination.

Please send a curriculum vitae, representative reprints and names of three references to Department Chair, David Cella, Ph.D., c/o of Peter Connor. Email (preferred): [mss@northwestern.edu](mailto:mss@northwestern.edu) Fax: 312-503-9800; Mail: Department of Medical Social Sciences, Feinberg School of Medicine, Northwestern University, Abbott Hall, 710 N. Lake Shore Drive, Suite 729, Chicago, IL 60611..

***Northwestern University is an Affirmative Action, Equal Opportunity Employer. Women and minorities are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.***