



## Senior Scientist, Health Technology Assessment

The Institute for Clinical and Economic Review (ICER) is an innovative, independent non-profit health care research organization dedicated to improving the application of evidence throughout the health care system. ICER produces influential public reports evaluating the clinical effectiveness and value of new treatments, tests, and delivery system interventions. These reports have strongly influenced insurance coverage policies and clinical guidelines while gaining prominence within the national debate over the cost of health care. ICER thrives on the entrepreneurial spirit of its employees to empower patients, clinicians, and policymakers in their quest for better care at lower costs. In everything we do, our organization seeks to foster an honest public dialogue about the evidence on effectiveness and value, and to translate this evidence into action to improve patient care.

ICER is looking to expand its team, which includes a diverse set of clinicians, researchers, and policy experts. We are seeking a **Senior Scientist, Health Technology Assessment** to help lead the health technology assessment activities that serve as the backbone for all of our work. Details on the specific responsibilities and minimum qualifications are provided below.

### Job Summary

Reporting to the Chief Scientific Officer of ICER, the position requires a senior and accomplished individual of exceptional caliber. The ideal candidate is a clinician trained in medicine, surgery, or nursing who has Master's- or Ph.D.-level training in clinical epidemiology and a compelling personal record of work in the fields of health technology assessment, pharmacoepidemiology, clinical epidemiology, or health services research. Individuals without clinical training but with training and extensive experience in these research fields will also be considered. Given the leadership role envisioned for this position, it requires a person of unquestionable integrity, with exceptional communication and presentation skills, and an ability to engage with and influence a broad range of stakeholders.

The Senior Scientist, Health Technology Assessment will be responsible for leading or co-leading teams conducting rigorous analyses and critical appraisals of published medical evidence across a wide range of diagnostic, prognostic, therapeutic and other clinical interventions, as well as

summarizing results, producing reports, and consulting on development of clinical guidelines, coverage policies, shared decision-making tools, and other approaches to implement ICER's findings. While leadership of other research staff is expected to be on a project-specific basis, direct and permanent reporting to the Senior Scientist will be considered based on prior management experience. This role will also involve moderation of major public meetings associated with ICER programs and a leadership role affording the opportunity to guide high-level policy discussions of the interpretation and application of evidence throughout the U.S. health care system.

### **Key Responsibilities**

- Provide methodological, strategic, and potentially clinical leadership in developing ICER's work program.
- Contribute to the reputation of ICER by fostering the highest level of cooperation, integrity, objectivity, responsiveness, and overall transparency in the analysis of evidence on health care interventions.
- Provide leadership and supervision on multiple complex projects in coordination with the Chief Scientific Officer and Chief Medical Officer, including preparing reports synthesizing analytical results and highlighting implications of findings for patients, clinicians, payers, industry, policymakers, and other stakeholders.
- Consult with Chief Scientific Officer, Chief Medical Officer, and other ICER experts to formulate key clinical questions for evidence-based evaluation, including identifying medical conditions, populations, health interventions for comparative analysis, and health outcomes.
- Conduct and oversee the work of others on evidence summaries, systematic reviews, meta-analyses, and cost-effectiveness and other analyses to answer high-impact clinical questions; critically evaluate the research methods and statistical findings of health outcome studies retrieved from the medical literature; and uses established frameworks and tools to evaluate, grade and summarize the quality of the evidence.
- Disseminate the findings of evidence reviews through written reports and verbal presentations of the evidence to senior leaders and other clinical and operational stakeholders.
- Assist with generation of evidence-based clinical recommendations and policies related to the use of new and existing medical technologies (e.g., procedures, equipment, devices, diagnostics and selected pharmacologic agents), as well as clinical interventions for medical conditions affecting large populations.
- Lead investigation of evidence-based information from clinical guideline statements, payer coverage policies, guidance from other health technology assessment organizations, and other sources relevant to the technologies of interest.

- Educate and provide consultation on evidence-based methods to research staff, panel and advisory board members of ICER’s public deliberative programs, and other interested stakeholders.

### **Minimum Educational Requirements**

A graduate degree or equivalent career experience in clinical epidemiology, pharmacoepidemiology, public health, biostatistics, health technology assessment, or related quantitative social science field is required. Training in medicine (MD, DO) or nursing (RN) is strongly preferred.

### **Basic Qualifications**

Minimum five (5) or more years of experience in conducting health technology assessments, academic systematic reviews of the medical literature, or similar work requiring critical evaluation of medical evidence. Candidates must be *outstanding* writers, able to write clearly and cogently without requiring editorial assistance, and must be facile editors of the drafts of others. The scope of writing will include a wide range of material, including different versions of technical evidence reports and health policy briefs. Candidates must be able to demonstrate substantial experience in the critical evaluation of evidence, including the ability to critique the research methods and statistical findings of published studies in order to rate the overall strength of evidence underlying an analysis of comparative effectiveness. Candidates should also be able to demonstrate experience leading discussions of evidence among multiple stakeholders.

### **Additional Qualifications**

- Experience in the interpretation of applied quantitative research methods, analysis and biostatistics (including meta-analysis and cost-effectiveness analysis).
- A strong track record of mentorship of research staff.
- Analytical, consulting and project management experience, including demonstrated ability to determine the key areas of controversy in a clinical area, to conceptualize the appropriate project scope, and to develop appropriate action plans from multidisciplinary perspectives.
- The *highest* levels of personal initiative, attention to detail, and independent work.
- Efficiency, collaboration, candor, openness, results orientation and a commitment to a consultative approach to decision-making.

ICER offers a competitive salary and benefits package.

*It is not intended that the above listed duties reflect every job duty, responsibility or task that the employee may be called upon to perform. The employee is expected to perform all job-related duties and tasks assigned by his/her supervising manager or other authorized manager.*

Interested candidates should e-mail resume and cover letter to [careers@icer-review.org](mailto:careers@icer-review.org); please also include contact information should we wish to schedule an interview.