Susan Weber
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Bio

Susan C. Weber, PhD is Director of Engineering in Research IT (IRT). Dr. Weber has a PhD in Computer Science and 30 years' experience as a professional software developer.

LINKS

- Stanford Center for Clinical Informatics: https://clinicalinformatics.stanford.edu/

Publications

PUBLICATIONS

- Disease risk factors identified through shared genetic architecture and electronic medical records. Science translational medicine
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- Breast cancer treatment across health care systems: linking electronic medical records and state registry data to enable outcomes research. Cancer
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- Stanford-NIH Pain Registry: Catalyzing the rate-limiting step of big data psychometrics with item-response theory and advanced computerized adaptive testing American Academy of Pain Medicine’s 30th Annual Meeting
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• **A simple heuristic for blindfolded record linkage**  *JOURNAL OF THE AMERICAN MEDICAL INFORMATICS ASSOCIATION*
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• **Clinical Research Alerting for Early Septic Shock Detection**  *2012 Summit on Clinical Research Informatics*
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• **Oncoshare: Lessons learned from building an integrated multi-institutional database for comparative effectiveness research**  *Proceedings of the AMIA 2012 Annual Symposium*
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• **Hash-Based Algorithmic Linkage of Patient Records in De-identified Multi-site Patient Research Registries**  *AMIA Anna Symp Proc*
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• **A Model for Efficient Review of Clinical Data by Researchers within the STRIDE Clinical Data Warehouse**  *AMIA Anna Symp Proc*
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• **Implementing a Real-time Complex Event Stream Processing System to Help Identify Potential Participants in Clinical and Translational Research Studies**  *AMIA Anna Symp Proc*
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• **Managing Medical Vocabulary Updates in a Clinical Data Warehouse: An RxNorm Case Study.**  *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
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• **Self-Service Support for Research Patient Cohort Identification and Review of Clinical Data in the STRIDE Clinical Data Warehouse**  *AMIA Anna Symp Proc*
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• **Automated mapping of pharmacy orders from two electronic health record systems to RxNorm within the STRIDE clinical data warehouse.**  *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
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• **STRIDE—An integrated standards-based translational research informatics platform.**  *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
  2009; 2009: 391-395

• **Novel integration of hospital electronic medical records and gene expression measurements to identify genetic markers of maturation.**  *Pacific Symposium on Biocomputing. Pacific Symposium on Biocomputing*
  2008: 243-254

• **Clinical arrays of laboratory measures, or "clinarrays", built from an electronic health record enable disease subtyping by severity.**  *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
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