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<http://pok.acm.org/calendar.html> and/or to MHVLUG's calendar at <http://hvstem.org/>

Go to Google Development Group (GDG) Hudson Valley at [www.meetup.com/gdg-hudson-valley/](http://www.meetup.com/gdg-hudson-valley/) to find an amazing selection of technical and entrepreneurial organizations.



## Poughkeepsie Chapter of the Association For Computing Machinery

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      aaa          ccccccc          mmmmm mmmmm
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        aaaaaaaaa          cc          mm  mmm  mm
         aa  aa          cc      c          mm  m  mm
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         aa  aa          ccccccc          mm          mm
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**MEETING NOTICE**  
**Free and open to the public**

**Program:** Applications of the Semantic Web for Healthcare

**When:** 7:30 pm, Monday, November 16<sup>th</sup>, 2015

**Where:** **Student Center, Room 3105**, Marist College **Note New Meeting Location**

**Directions:** Building **30** on the map at <http://www.marist.edu/welcome/map.html>

**Parking:** Please park at black dot #11 on <http://www.marist.edu/welcome/map.html> (the lot North of the Hancock Center #16) or in the lot East of Route 9, S/E of the former Main Entrance.

**Speaker:** John Sheehan

### About the Program:

This talk will give an overview of the Semantic Web which provides a common framework for data format and exchange using standards approved by the World Wide Web Consortium (W3C). It extends HTML, which is mostly suited for serving human readable documents, to a more robust technology enabling machine readable data for linking applications across the web. The talk will include an overview of key semantic technologies such as the Resource Description Framework (RDF), SPARQL (an RDF query language), Ontologies and the Web Ontology Language (OWL). Semantic technologies are particularly useful in healthcare applications to enable interoperability of electronic medical record systems, knowledge representation of medical experts, and data analytics. Several applications of semantic technologies to healthcare will be presented based on research projects currently underway at RPI including the **Healthy Birth, Growth, and Development Knowledge Integration project**

<http://news.rpi.edu/content/2015/08/03/rensselaer-launches-initiative-healthy-birth-growth-and-development-knowledge>  
funded by the Bill & Melinda Gates Foundation.

### About the Speaker:

John Sheehan is a Computer Science Professor and Program Coordinator at SUNY Ulster and a Ph.D. student and research assistant for the Tetherless World Constellation at RPI. His research interests are in healthcare informatics and medical applications of semantic technologies. He has a B.S. in Computer Engineering from SUNY New Paltz, a Master of Engineering and an MBA in Management of Technology from RPI. See **full bio**

<http://tw.rpi.edu/web/person/jsheehan>

**Cost:** Our meeting is **Free** and open to the public

**Dinner:** 6:00 pm, Palace Diner, 845.473.1576  
Map and menu: [www.thepalacediner.com](http://www.thepalacediner.com)  
All are welcome to join us for dinner.

We thank Marist College for hosting the chapter's meetings.

Refreshments are served after the meeting.

For further information, email [collier@acm.org](mailto:collier@acm.org) or call 845.522.1971.

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This page is available on the web at <http://pok.acm.org>.

