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Events – Announcements

- **“How Scientists Know What They Know”** Professor Steve Goldman of Lehigh University gives the ISEPP Linus Pauling Memorial Lecture at 7:00 pm on Thursday, May 1 at the Arlene Schnitzer Concert Hall in Portland. For more info -- <http://www.isepp.org/index.html>
An abstract of, and a link to his paper on “Why We Need a Philosophy of Engineering” has been added to the OPAS Master Resources List <http://opas.ous.edu/Committees/Resources/>

Events – Wrap-Up

- **Oregon Association for Career and Technical Educators (OACTE)** just had its annual conference April 16-18. Both of these have been added to the OPAS Master Resources List at <http://opas.ous.edu/Committees/Resources/>:
 - North Salem CS & math Teacher Don Kirkwood’s presentation "ScienceTechnologyEngineeringMath, with all your concerns, why should you care?" - http://opas.ous.edu/Committees/Resources/Staff_papers/Kirkwood_OACTE_041608.pdf
 - In the same session, ODE’s Tom Thompson, Industrial & Engineering Systems Specialist distributed this DRAFT for Discussion: "Guidelines, Scenarios and Resources for Offering Credit in Applied Academics" - http://opas.ous.edu/Committees/Resources/Publications/ODE_Applied_Academics_Credit_040908.pdf

Weblinks

- Kinetic City provides materials intended for an informal learning environment for elementary-age students -- <http://www.kineticcity.com/>
- Access **quality science and engineering news** via Discoveries & Breakthroughs TV news service – per the IEEE Beeep – “Research has documented the at the public obtains most of its information and engineering and science from local TV news and that viewers of the “Discoveries & Breakthroughs” service are more likely to support engineering and science than those who are not viewers.” They are seeking new story ideas; for more info see <http://www.aip.org/dbis/IEEE/>

Equity

- Education Week: **Black-White Gap Widens Faster for High Achievers** New research into the black-white achievement gap suggests that the students who lose the most ground

The OPAS Vision is that all Oregonians have the opportunity to choose and successfully pursue engineering or applied science as their field of study and career, thereby helping Oregon’s industries contribute to state economic needs, and innovate and prosper in the global economy.

A service of the Oregon Pre-Engineering & Applied Sciences Initiative (OPAS)

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archives: <http://opas.ous.edu//OPASsphere/index.html>*

academically in U.S. public schools may be the brightest African-American children -
http://www.edweek.org/ew/articles/2008/04/16/33gap_ep.h27.html?tmp=762243381

Articles

- **A Nation At Risk, 25 years later** – Education Week Retrospective –
<http://www.edweek.org/ew/collections/nation-at-risk-25-years/index.html>
includes some bordering on inflammatory commentary by Howard “Multiple Intelligences” Gardner and Ed “Cultural Literacy” Hirsch, Jr. and perspectives from other countries.

Research

- **Creating a World-Class Education System** in Ohio. Feb, 2007. 102 pg pdf. “This report is intended for Ohio policymakers and all other stakeholders interested in moving Ohio’s K-12 system to world-class levels. The report was commissioned by Achieve, Inc., with its fact base, international benchmarking of Ohio’s K-12 system, and identification of best practice implications for Ohio (in order to attain the goal of a world-class system) conducted by McKinsey & Company, **drawing upon the work of leading international education experts.**”
http://www.achieve.org/files/World_Class_Edu_Ohio_FINAL.pdf
 - Created by the nation's governors and business leaders, Achieve helps states raise academic standards and achievement so that all students graduate ready for college, careers, and citizenship - <http://www.achieve.org/>

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