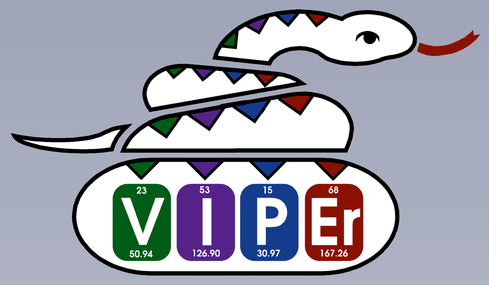
The Virtual Inorganic Pedagogical Electronic Resource

http://www.ionicviper.org

A community for teachers and students of inorganic chemistry

A dynamic library of curricular materials

Social networking tools for interactive discussion

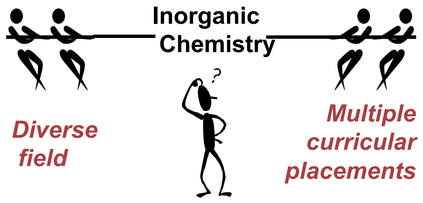


Leadership Council *(clockwise from top left)*

***Joanne L. Stewart**, Hope College*
***Lori A. Watson**, Earlham College*
***Ethan Benatan**, Reed College (technology guru)*
***Adam R. Johnson**, Harvey Mudd College*
***Elizabeth R. Jamieson**, Smith College*
***Jezmynne Dene,** Claremont U Consortium (librarian)*
***B. Scott Williams**, JSD, Claremont Colleges*
***Margret J. Geselbracht**, Reed College*
***Barbara A. Reisner**, James Madison University*
***Hilary J. Eppley,** DePauw University*

Come for the content, stay for the community!

Challenges for Inorganic *Chemists* at PUIs

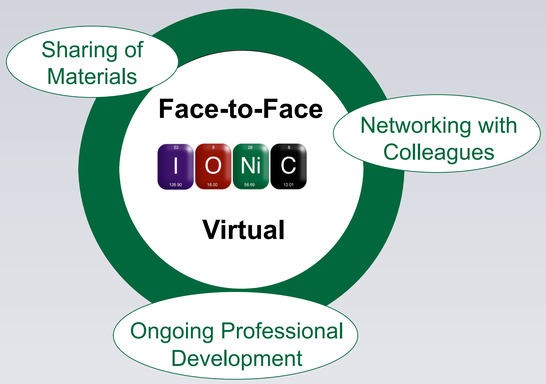


Isolation: Professional and geographical
Typically only one inorganic chemist per PUI

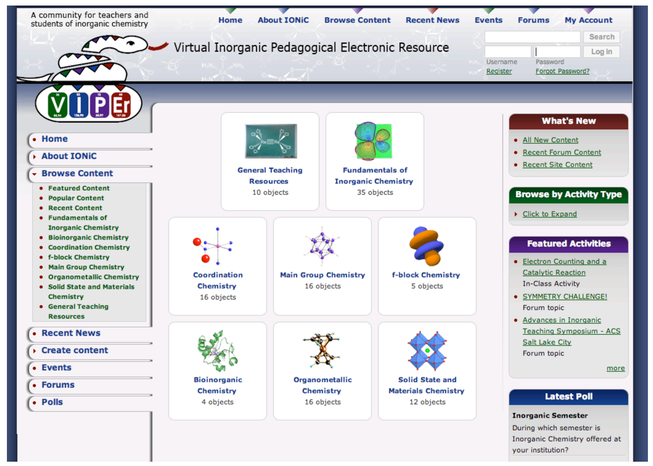
Narrow/deep specialization:
How to represent whole field to students?
Outside "comfort zone"
Hinders curricular innovation

Solution: Build a Community of Practice for the Teaching of Inorganic Chemistry:

Interactive Online Network of Inorganic Chemists



Building a community with long spiky tails

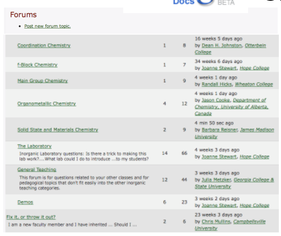


Harnessing Web 2.0 Interactivity Tools

- Commenting
- Rating
- Versioning
- Forums
- Polls

Using Emerging Communication Technologies

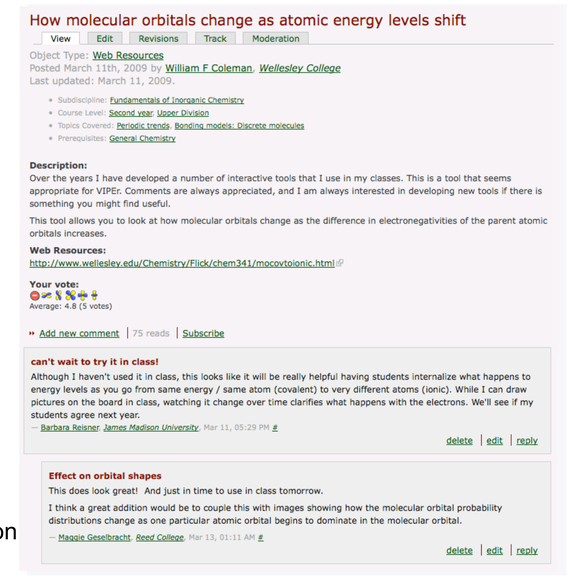
Skype
Googledocs
wikis & blogs
Creative Commons
delicious



Activity Types

180+ unique learning objects
>7,000 downloads

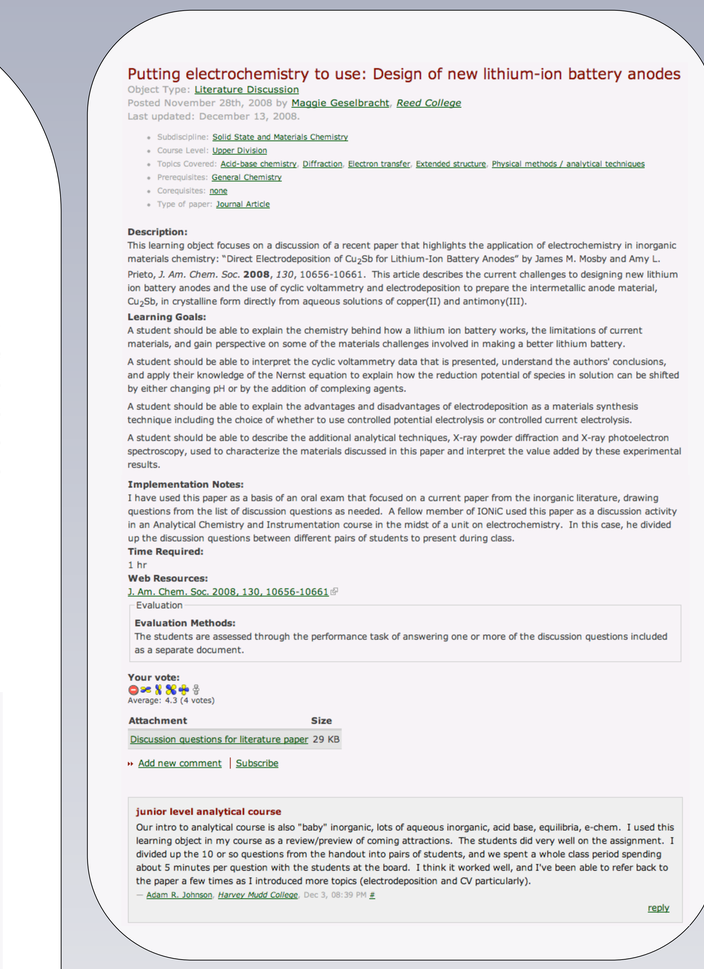
- Five Slides About
- In-Class Activity
- Lab Experiment
- Literature Discussion
- Problem Set
- Textbook
- Web Resources



Join the Community

250+ Inorganic Chemistry faculty and growing

- Ask for swag
- Register as a user
- Join in user forums
- Share links & comment on web resources
- Rate your (favorite) textbooks
- Respond to a poll
- Download teaching & learning materials
- Use materials, rate & comment on implementation
- Contribute learning objects for community use
- Become a reviewer



Community Awareness

J Chem Ed VIPEr column

- Highlights of VIPEr learning objects
- Author submitted
- Peer reviewed
- JCE TOC & Chemical Abstracts citation

Funding and Technical Support

Private Foundation Inter-institutional Grants for Faculty Enhancement
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Grand Junction Design, Web design and programming
David Lopatto, Grinnell College, Assessment
John Moore, JCE, ChemEd DL
Longsight, Web programming
Kenneth Morrell, Sunoikisis
Jeff Fisher, Logomotives
Michael Nanfito, NITLE
Rebecca Davis, NITLE

NITLE
NSF

A project of *The Interactive Online Network of Inorganic Chemists*

A partner of ChemEd DL Chemical Education Digital Library | NSDL