

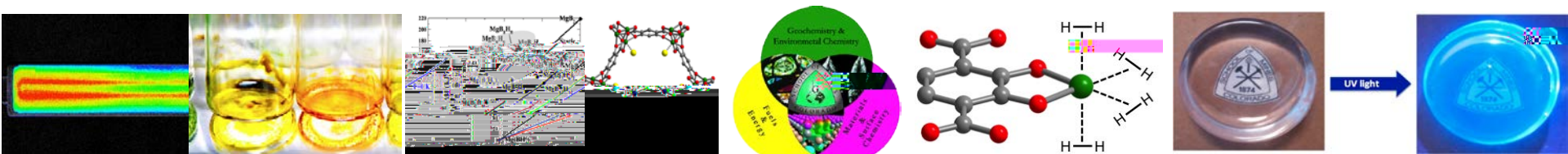
Advancing Cross-Disciplinary and Innovative Research Initiatives

Board of Trustees Meeting

February 9th, 2018

Tom Gennett

Chemistry Department



Chemistry Initiatives

How did Chemistry go from <\$2M to >\$7.5M research expenditures in 6 years

Strategic design

Remove internal barriers to success

Remove barriers for collaboration

Directed Hires/Smart Hires

Recruit senior people with excellent national/international reputations

Diversified hires (discipline and culture) to forward initiatives and fill needs

Nuclear Program, Biochemistry, Materials, Energy

Change internal perception

Change external perception

BE PATIENT

Chemistry Actions

LARGE MULTIDISCIPLINARY ACTIVITIES

Successes

- Prof. Ryan Richards Director 2016 (Craig Taylor – original PI)
NSF Funded MRSEC, Multiple Department Initiative (\$20M/4 years)
High visibility program, Summer REU, K-12 Outreach programs
- Prof. Tom Gennett co-director (\$36M/6 years)
DOE-FCTO funded, Multi-Institution Initiative
High visibility program, Applied hydrogen initiative research program

Leverage:

- Energy Frontier Research Centers (\$16M/4 years)
Involved in 6 submissions, 1 requested with Chemistry as lead institution
- NSF-MRI
- DOE-AMO (with CBE)
- DOE-NETL (with CBE)

Result:

Enhanced visibility, improved reputation, increased funding

