

Recipe for Successful Science Teacher Workshops

IRPA13 CONGRESS

SYMPOSIA S4.2

TEACHING RP IN SCHOOLS

WEDNESDAY - MAY 16, 2012

CARL TARANTINO, CHP, NRRPT

VA CHAPTER, HPS

Outreach – Education

What's it all about !

- Educating the public – economies of scale
- Removing “misconceptions” & myths about radiation
- Keeping up with current events (e.g. Fukushima, E. Coli & food irradiation, new cancer modalities)
- Networking and partnerships
- Readiness To Respond

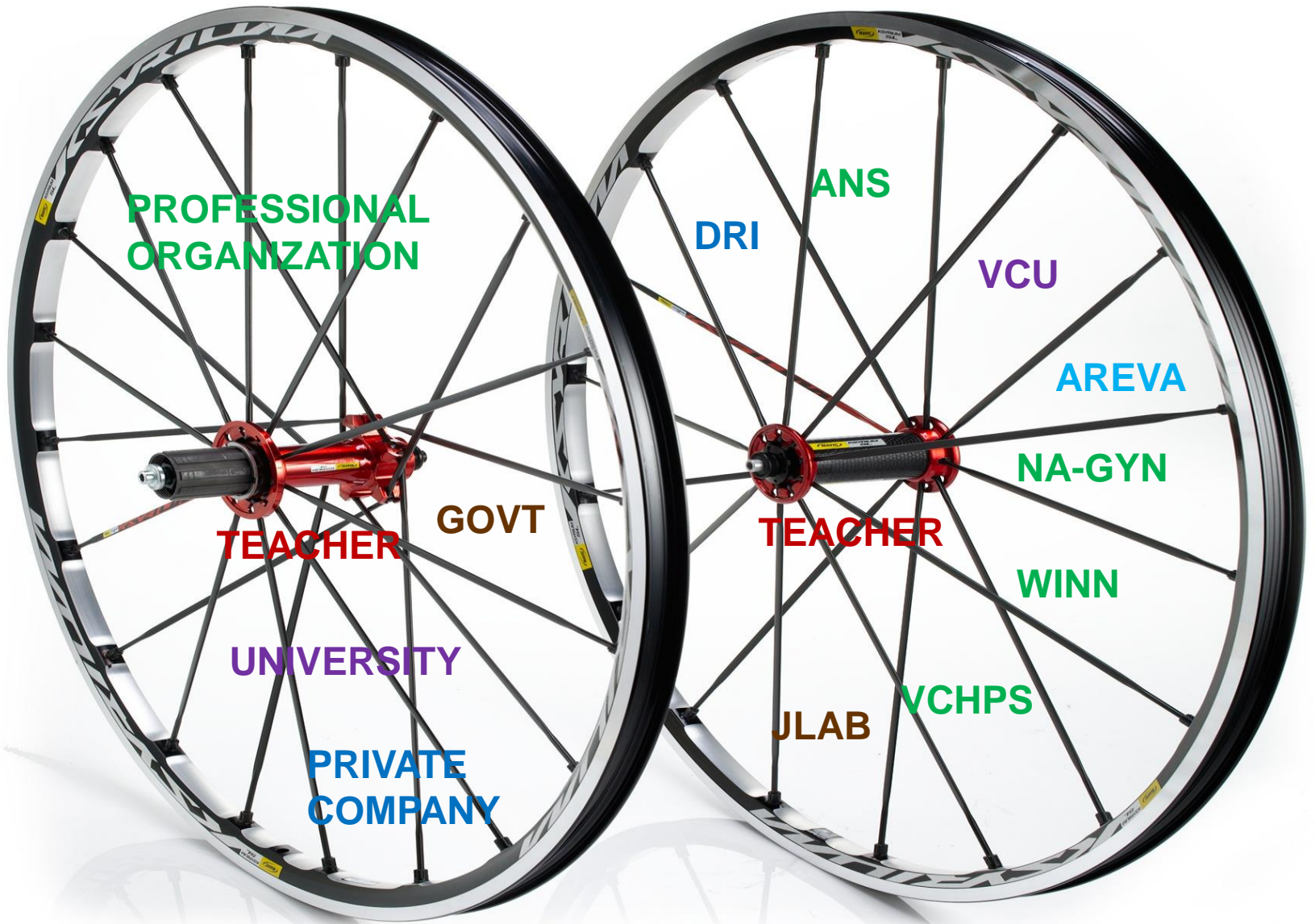
What Is The Recipe?

- Four Cups Of Teamwork
 - Blending of Resources
 - Leveraging Talents/Expertise
 - Recognizing Limitations/Seizing Opportunities
 - Respecting and helping each player

What Is The Recipe?

- Five Cups of Diversity
 - Start with your local chapter
 - Reach out to other professional groups (e.g. ANS, NA-GYN, WIN, AAPM, etc.)
 - Secure at least one TEACHER (the “glue” that holds the workshop together) as part of staff
 - http://mathinscience.info/teach/612_science/chemistry/radiation_you/intro.html
 - Partner with other enterprises (e.g. private companies., College/University, Govt.)
 - Be generational

http://local.ans.org/virginia/3dSTW/2012/2012_4dSTW.html



PROFESSIONAL ORGANIZATION

DRI

ANS

VCU

AREVA

GOVT

TEACHER

TEACHER

NA-GYN

UNIVERSITY

WINN

PRIVATE COMPANY

JLAB

VCHPS

What Is The Recipe?

- Three Cups of Innovation
 - Diverge from the basic STW outline
 - Add spices - a Jeopardy or golf game, dominos or poker chips to perform half life experiments, scavenger hunt to find “planted” radioactive sources
 - Incorporate role playing/use interactive scenarios to explain concepts in place of lectures

What Is The Recipe?

- A Minimum of Four tablespoons of humor
 - Inject levity throughout the workshop
 - Use cartoons and humorous antidotes to clarify myths
 - Make it a personal experience
 - Have fun while teaching



"The mediocre teacher tells. The good teacher explains. The superior teacher demonstrates. The great teacher inspires."

William Arthur Ward

For More Information

Carl.Tarantino@Dom.com

804.273.3068

Health Physics Society
Specialists in Radiation Safety

