

PTRA DIRECTOR REPORT FOR OVERSIGHT COMMITTEE

- PPT to executive board
- Requirements for Grant Proposals
- Characteristics of Active PTRA
- Strategic Plan Progress

PTRA 2014-15

ACTIVITIES RELATED TO PTRA
2014-2015 SCHOOL YEAR



UNIVERSITY OF WEST GEORGIA

BOB POWELL

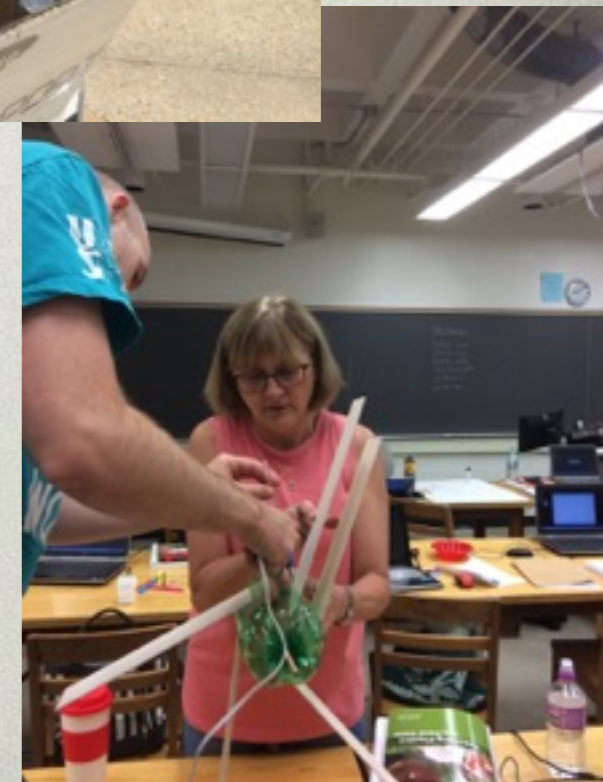
- **Bob Powell**, Ann Robinson, Sharon Kirby, Dave Todd, Bill Reitz, Nancy Easterly, 1 mentee
- Providing PD for 7 consecutive years
- Original grant requested 25. In 2015 provided 80 contact hours for 94 participants (elementary and middle)
- Impacted over 400 participants in 7 yrs, which translates to between 3,000 and 4,000 students
- Presented at MSP conference in 2013, only MSP project accepted to present on “Programs that Produce Results”



UNIV. WISC. RIVER FALLS

EARL BLODGETT, LOWELL McCANN

- **Earl Blodgett, Lowell McCann, Elaine Gwinn, 1 mentee**
- Participants could pay to receive graduate credit (\$1500) or workshop credit (\$950) for the two weeks. Had 3 attend last year and 13 this year (the 3 from last year came back). The Oversight Committee approved funds to give each teacher \$200 to help offset the costs and the result was 13 registered and attended.
- All 13 attendees indicated they would do another topic next year so the dates for 2016 have been set for June 20-31.
- That is a 100% retention rate!!



IDAHO STATE UNIVERSITY

STEVE SHROPSHIRE

- **Steve Shropshire**, Jan Mader, Duane Merrell, Lars Johnson, 1 mentee
- 31 participants in 2015, K-6 teachers, 24 of the 31 were returning from prior years.
- Has been NSF or MSP funded since 2004 and had over 485 participants with an average of 40/year
- First project in Idaho to document significant impact on students of teachers attending the institutes when compared to nonattendees (Idaho state exam)



NWOSU

STEVE MAIER

- **Steve Maier**, Christine Audo (mentee), Evelyn Restivo
- Had 25 in 2015 for grades 3-12 for 40 hrs. Half had attended prior workshops.
- Was 5th year for a total of 80 “unique” teachers (137 total)
- Note: Need VERY experienced PTRAs to be able to handle a group with a wide range of grade levels or need two PTRAs and split the group (more expense)



ALABAMA APEX

JIM NELSON

- Jim and Jane Nelson
- 75 participants; 40 contact hours



PENNSYLVANIA

PAT CALLAHAN, DAVE MCCACHREN, JAY BAGLEY

- Fall 2014, Perimeter Institute overview 6 hr workshop @ Millersville University of PA; 10 participants sponsored by Central PA Section; fee for service (\$75) by Callahan & McCachren
- Spring 2015, TIPERS @ Messiah College; 12 participants; sponsored by Central PA Section; fee for service (\$75) by Callahan & McCachren
- Southeastern PA section, Jay Bagley 82 (no fee charged)



TEXAS

- TSAAPT--3 workshops, Invited talk on “How You Can Benefit from PTRA”; 15 contact hours for 100 teachers and professors.
- Dallas ISD--14 middle school teachers preparing for the HS physics certification exam; 80+ contact hours
- CAST (state conference) 9 presentations with 24-80 participants in each session. Provided a booth where over 500 teachers came by to see demos, ask questions, and get information on AAPT, physics and physical science. Helped solicit memberships for AAPT.
- Irving ISD--12 teachers; using Perimeter Institute Resources; 12 contact hours
- Hawaiian Falls workshop; 22 teachers; similar to physics day at 6 Flags.



Join AAPT

2015 SUMMER LEADERSHIP INSTITUTE JULY 22-25

- Focus: NGSS, PER, curriculum alignment, engineering applications, effective apps in the classroom, and quantum physics
- Dr. Ramon Lopez, lead writer for NGSS provided leadership
- 1009 years combined experience
- Participants paid for AAPT registration, room and board for 7-8 days, and part of travel expenses



“UNCLASSIFIED”

- NSTA regional conferences
- AAPT workshop (i.e. #6 and #25 S15)
- Section Meetings



LESSONS LEARNED

- Need for experienced PTRAs when the range of teacher participants is wide such as grades 3-12.
- Need sites to train mentees
- Need “safety net” support for sites to launch a PTRA workshop
- Need multiple PTRAs for large or lengthy workshops (share load)
- Need to make mentee expectations more clear

SUMMARY

- Over 1200 Teachers impacted in 2014-2015
- Idaho was first project in Idaho to document significant impact on students of teachers attending the institutes when compared to nonattendees (Idaho state exam)
- Bob Powell presented at MSP conference in 2013, only MSP project accepted to present on “Programs that Produce Results”
- **30 year anniversary of providing quality professional development to teachers across the country**

DOCUMENTS

- Requirements for Grant Proposals
- Characteristics of Active PTRAs

STRATEGIC PLAN

Focus on elementary and middle school workshops
Focus on NGSS and integrate Common Core math
and Common Core Literacy standards

Incorporation of technology and apps to PTRA
workshops

Provide start up monies for new sites

Support the current sites by providing money for
supplies and mentees when appropriate

Focus on modules and fee for service workshops,
particularly Perimeter workshops (PTRA is only entity
granted permission by Perimeter to use their
resources)

