

**ANS Radiation Protection and Shielding Division (RPSD)  
Strategic Plan for 2012**

**Tactical Plan for 2012**

**Top Priorities for 2012**

- **Division's Commitment to Young Members Group (YMG) and Student Support**  
Support YMG and student activities for their technical development; have a YMG liaison in RPSD (Goal E)  
Lead: Arzu Alpan (RPSD Chair)
  
- **ANS National Meeting Participation**  
Organize a wider variety of sessions (Goal A)  
Leads: Arzu Alpan (RPSD Chair), Eric Burgett (RPSD Program Committee Chair), Charlotta Sanders (National Program Committee Member)
  
- **Class IV Topical Meeting**  
Advertise, participate, and support the 12<sup>th</sup> International Conference on Radiation Shielding (ICRS-12) & 17<sup>th</sup> Topical Meeting of the Radiation Protection and Shielding Division of the American Nuclear Society (RPSD-2012), which is organized by the Atomic Energy Society of Japan. (Goal A)  
Lead: Arzu Alpan (RPSD Chair)
  
- **Communications - Website**  
Update and improve RPSD website. (Goal C)  
Leads: Erik Shores and Tim Cahill (RPSD Website Committee)
  
- **ANS Position Statements**  
Complete review of ANS Position Statement 41, "Health Effects of Low-Level Radiation."  
(Goal D)  
Lead: Arzu Alpan (RPSD Chair)
  
- **Peer Recognition/Honors and Awards**  
Select recipients for RPSD Awards; update and revise the Honors and Awards Manual before the ANS 2012 Annual Meeting. (Goal E)  
Lead: Martin Williamson (RPSD Honors and Awards Chair)
  
- **ANS-6 Standards**  
Monitor the status/development/review of ANS-6 radiation protection and shielding standards: ANS-6.1.1, ANS-6.1.2, ANS-6.4.2, ANS-6.4.3, and ANS-6.6.1. (Goals A-C)  
Lead: Charlotta Sanders (ANS-6 Chair)
  
- **Bylaws and Rules**  
Finalize RPSD bylaws and rules before the ANS 2012 Annual Meeting (Goal E)  
Lead: Erik Shores (RPSD Bylaws and Rules Chair)

## 2012 Operational Plans and Activities

- **Division's Commitment to Young Members Group (YMG) and Student Support**  
RPSD co-sponsors sessions and tutorials with YMG; this enables the sessions and tutorials to support the technical development objectives of YMG. However, RPSD should have a YMG liaison who can effectively improve RPSD and YMG interactions; the lead will identify an RPSD member who is willing to take this task.  
RPSD will continue to support students at ANS Student conferences, both by financial means as well as participation to the conferences. RPSD will award their student members who present papers at ANS National Meetings and will continue to support a Student Executive Committee Position with travel support. (Goal E)  
Lead: Arzu Alpan (RPSD Chair)
- **ANS National Meeting Participation**  
RPSD should be meeting the expected minimum number of paper contributions at ANS National Meetings; this is a minimum of twenty papers per National Meeting. RPSD should consider organizing a wider variety of sessions. (Goal A)  
Leads: Arzu Alpan (RPSD Chair), Eric Burgett (RPSD Program Chair), Charlotta Sanders (National Program Committee Member)
- **Class III Topical Meeting**  
RPSD should plan for a Class III topical meeting. (Goal A)  
Lead: Eric Burgett (RPSD Program Chair)
- **Class IV Topical Meeting**  
RPSD has a topical meeting, the 12<sup>th</sup> International Conference on Radiation Shielding (ICRS-12) & 17<sup>th</sup> Topical Meeting of the Radiation Protection and Shielding Division of the American Nuclear Society (RPSD-2012), which is organized by the Atomic Energy Society of Japan. RPSD should effectively advertise, participate and contribute to this meeting. (Goal A)  
Lead: Arzu Alpan (RPSD Chair)
- **Membership**  
RPSD should find ways to increase its membership; involves both members and student members. (Goal B)  
Lead: Janice Arwood (RPSD Membership Chair)
- **Communications**  
RPSD issues two newsletters every year and maintains a website. It is important for the website to be kept up-to-date. Also the website should be improved to be more user-friendly. (Goal C)  
Leads: Nolan Hertel (RPSD Vice-Chair; responsible for newsletter), Erik Shores and Tim Cahill (RPSD Website Committee; responsible for website)
- **ANS Position Statements**  
RPSD should complete its review of ANS Position Statement 41, "Health Effects of Low-Level Radiation." (Goal D)  
Lead: Arzu Alpan (RPSD Chair)

- **Professional Development**  
 RPSD should continue to provide professional development opportunities for members through tutorials at ANS National Meeting. RPSD should also be looking into giving tutorials with different topics at each National Meeting. (Goal B)  
Lead: Eric Burgett (RPSD Program Chair)
- **Peer Recognition/Honors and Awards**  
 RPSD has several awards including the Rockwell Lifetime Achievement Award, Division Service Recognition Award, Professional Excellence Award, and national meeting paper award. Recipients for each of these awards should be selected in 2012. The Honors and Awards Manual should be updated and revised. (Goal E)  
Lead: Martin Williamson (RPSD Honors and Awards Chair)
- **ANS-6 Standards**  
 There are five radiation protection and shielding standards: ANS-6.1.1, ANS-6.1.2, ANS-6.4.2, ANS-6.4.3, and ANS-6.6.1. The status/development/review of these standards should be monitored. (Goals A-C)  
Lead: Charlotta Sanders (ANS-6 Chair)
- **RPSD Benchmarks**  
 RPSD is a member of the Joint Benchmark Committee (JBC). Participation in and support to JBC should continue in 2012. (Goals A-C)  
Lead: Dick Amato (RPSD Benchmarks Chair)
- **Participation with Outside Professional Societies**  
 RPSD participates with other technical society meetings and standards. Examples are American Society for Testing and Materials (ASTM), European Nuclear Society (ENS), and Health Physics Society (HPS). (Goal A)  
Lead: RPSD members
- **Bylaws and Rules**  
 RPSD bylaws and rules are currently in draft form; a final version should be created in 2012. (Goal E)  
Lead: Erik Shores (RPSD Bylaws and Rules Chair)

**Succession Plan for Sub-Committees:**

Program Chair: Eric Burgett; successor not identified yet  
Membership Chair: Janice Arwood; no successor needed at this time  
Website Chair: Erik Shores; no successor needed at this time  
Bylaws and Rules Chair: Erik Shores; no successor needed at this time  
Honors and Awards Chair: Martin Williamson; no successor needed at this time  
Scholarship Chair: John Poston; no successor needed at this time  
Benchmarks Chair: Dick Amato; no successor needed at this time  
ANS-6 Standards Chair: Charlotta Sanders; no successor needed at this time

## Five-Year Plan for 2012-2016

### Mission

RPSD promotes the interchange of technology related to the transport of particulate and electromagnetic radiation in materials and biological systems, techniques and instrumentation to measure and calculate radiation fields, and the quantification of radiation effects and nuclear heat deposition within materials. Radiation protection management, ALARA, operation health physics, and radiation shield design and evaluation are key subject areas.

### Long-Term Goals

- **Division's Commitment to Young Members Group (YMG) and Student Support**  
Continue to work with YMG and provide support to students (Goal E)  
Lead: Arzu Alpan (RPSD Chair)
- **ANS National Meeting Participation**  
Meet the expected minimum number of paper contributions at ANS National Meetings; this is a minimum of twenty papers per National Meeting. (Goal A)  
Leads: Arzu Alpan (RPSD Chair), Eric Burgett (RPSD Program Chair), Charlotta Sanders (National Program Committee Member)
- **Topical Meetings**  
RPSD should plan on organizing Class I, II, and III topical meetings; note that Class I or IV topical meetings take place in even-numbered years (Goal A)  
Lead: Eric Burgett (RPSD Program Chair)
- **Membership**  
Find ways to increase membership; involves both members and student members. (Goal B)  
Lead: Janice Arwood (RPSD Membership Committee)
- **Communications**  
Continue communications by newsletters twice a year and by an up-to-date and user-friendly web-site. (Goal C)  
Leads: RPSD Vice-Chair for newsletter, Erik Shores and Tim Cahill (RPSD Website Committee Members) for website
- **ANS Position Statements**  
Review ANS position statements related to radiation protection and shielding. (Goal D)  
Lead: Arzu Alpan (RPSD Chair)
- **Professional Development**  
Provide professional development opportunities for members through tutorials at ANS National Meeting. (Goal B)  
Lead: Eric Burgett (RPSD Program Chair)
- **Peer Recognition/Honors and Awards**  
Continue peer recognition via RPSD awards. (Goal E)  
Lead: Martin Williamson (RPSD Honors and Awards Chair)

- **ANS-6 Standards**  
Monitor the development of radiation protection and shielding standards: ANS-6.1.1, ANS-6.1.2, ANS-6.4.2, ANS-6.4.3, and ANS-6.6.1. (Goals A-C)  
Lead: Charlotta Sanders (ANS-6 Chair)
- **RPSD Benchmarks**  
Participate in and contribute to the Joint Benchmark Committee (JBC). (Goals A-C)  
Lead: Dick Amato (RPSD Benchmarks Chair)
- **Participation with Outside Professional Societies**  
Continue participation in other technical society meetings and standards. (Goal A)  
Lead: RPSD members

**ANS Strategic Goals:**

Goal A: ANS will be the recognized leader for the advancement of nuclear science and technology

Goal B: ANS will be the members' primary resource for professional development and knowledge exchange

Goal C: ANS will be publicly recognized as a credible source of nuclear science and technology information

Goal D: ANS will be an active contributor to and participate in nuclear science and technical policy issues

Goal E: ANS will be an organization that is flexible, responsive to members and capable of dealing with change