



# NORTHWEST SOCIETY OF COLON & RECTAL SURGEONS

## 58th Annual Meeting

July 26-29, 2017

Westin Whistler Resort & Spa

Whistler, British Columbia



### ROOM LOCATIONS

EVENT	LOCATION
Registration	<i>Emerald Foyer</i>
Exhibit Displays	<i>Emerald C</i>
Breakfast/Breaks	<i>Emerald C</i>
General Session	<i>Emerald B</i>
Wednesday Reception	<i>Grill &amp; Vine Patio</i>
Executive Board Meeting	<i>Crystal</i>
Friday Kids Program	<i>Glacier</i>
Friday Annual Banquet	<i>Emerald A</i>

### SUMMARY OF EVENTS

#### WEDNESDAY, JULY 26, 2017

3:00—6:00 PM	Registration
3:00—9:00 PM	Exhibit Set-up
6:00—9:00 PM	Welcome Reception (Grill & Vine Patio)

#### THURSDAY, JULY 27, 2017

6:30—8:00 AM	Breakfast & Visit Exhibits
6:30—12:00 PM	Registration
6:30—12:00 PM	Exhibit Displays
7:30—7:45 AM	Call to Order
7:45—8:15 AM	<b>PRESIDENT:</b> <i>Scott Browning, MD</i>
8:15—9:45 AM	ABSTRACT SESSION I
9:45—10:15 AM	Break (Visit Exhibitors)
10:15—11:00 AM	<b>GUEST SPEAKER:</b> <i>Patricia Roberts, MD</i>

11:00—12:30 PM	ABSTRACT SESSION II
EVENING AT LEISURE	

#### FRIDAY, JULY 28, 2017

6:15—7:45 AM	Breakfast & Visit Exhibits
6:15—12:00 PM	Registration
6:15—12:00 PM	Exhibit Displays

7:15—7:30 AM	Call to Order
7:30—8:15 AM	<b>DISTINGUISHED GUEST SPEAKER:</b> <i>Patricia Roberts, MD</i>
8:15—9:00 AM	PAR KAMANGAR RESIDENT ETHICS DEBATES
9:00—9:30 AM	Break (Visit Exhibitors)
9:30—10:15 AM	<b>PAR KAMANGAR LECTURE:</b> <i>Sean Langenfeld, MD</i>
10:15—11:30 AM	ABSTRACT SESSION III
11:30—12:15 PM	<b>GUEST SPEAKER:</b> <i>Sarah Bastawrous, DO</i>
12:15—1:15 PM	LUNCH SYMPOSIUM (Non-CME)
1:15—3:00 PM	Executive Board Meeting
6:00—9:00 PM	Kids Dinner & Activities
6:00—9:00 PM	Annual Reception & Banquet
<b>GUEST SPEAKER:</b> <i>Richard Billingham, MD</i>	
<b>SATURDAY, JULY 29, 2017</b>	
6:15—7:45 AM	Breakfast & Visit Exhibits
6:15—12:00 PM	Registration
7:15—12:00 PM	Exhibit Displays
7:15—7:45 AM	Business Meeting (Members only)
7:45—8:30 AM	<b>GUEST SPEAKER:</b> <i>Piroska Kopar, MD</i>
8:30—10:00 AM	ABSTRACT SESSION IV
10:00—10:30 AM	Break (Visit Exhibitors)
10:30—11:15 AM	<b>EUGENE SULLIVAN MEMORIAL LECTURE:</b> <i>Liliana Bordeianou, MD</i>
11:15—12:15 PM	ABSTRACT SESSION V
12:15—12:30 PM	Resident Awards/Apple Watch Drawing
12:30 PM	ADJOURN

## CME ACCREDITATION

### Accreditation

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of OHSU School of Medicine and Northwest Society of Colon & Rectal Surgeons. The OHSU School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

### Credit

OHSU School of Medicine designates this live activity for a maximum of 12.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## SELF-ASSESSMENT TESTS

The Northwest Society of Colon & Rectal Surgeons is pleased to announce that this year's meeting has been approved by OHSU for Maintenance of Certification credits (MOC) in conjunction with our approved CME credits.

To receive SA credits, you must do the following:

- \* Download a QR code scanner app on your iPhone, Android phone, or iPad
- \* Scan the QR code below for specific tests
- \* Receive a passing score of 75% or more for each test
- \* Retake the test as often as you need to pass
- \* Take the tests within 10 days of the meeting
- \* Access the test online through our website at <http://www.nwscrs.org/2017-self-assessment-tests.html>

### SA TESTS



Thursday SA Test



Friday SA Test



Saturday SA Test

## PROGRAM SCHEDULE

### THURSDAY, JULY 27, 2017

6:30 am **BREAKFAST.** Please meet with exhibitors!

7:30 am Call to Order

*President*—Scott Browning, MD

*Program Chair*—Darren Pollock, MD

*Local Arrangements Chair*—Megan Cavanaugh, MD

7:45—8:15 AM

#### PRESIDENT

Scott Browning, MD

**“BUILDING AND MAINTAINING A COLONOSCOPY QUALITY DATABASE IN A SMALL PRIVATE PRACTICE”**

#### ABSTRACT SESSION I

(8:15—9:45 am)

Moderator: Darren Pollock, MD

8:15 am **#1 A MULTI-INSTITUTIONAL REPORT OF POSTOPERATIVE OUTCOMES IN VEDOLIZUMAB-TREATED PATIENTS UNDERGOING MAJOR ABDOMINAL OPERATIONS FOR INFLAMMATORY BOWEL DISEASE**

*Presenter: Amy L. Lightner, MD*

8:30 am **#2 USE OF ROBOTIC SURGICAL PLATFORMS FOR THE TREATMENT OF IBD: A SINGLE INSTITUTION'S EXPERIENCE**

*Presenter: Sarah Stringfield, MD*

8:45 am **#3 RECONSTRUCTIVE AND REVISIONAL SURGERY FOR FAILING ILEAL POUCH-ANAL ANASTOMOSIS IS ASSOCIATED WITH GOOD FUNCTION AND POUCH SALVAGE IN HIGHLY SELECTED PATIENTS**

*Presenter: Amy L. Lightner, MD*

9:00 am **#4 IMPROVING COLORECTAL PATIENT OUTCOMES WITH AN ENHANCED RECOVERY BUNDLE**

*Presenter: Amanda Hayman, MD, MPH*

9:15 am **#5 THE USE OF A PATIENT ENGAGEMENT PLATFORM (TWISTLE™) TO IMPROVE OUTCOMES AMONG PATIENTS UNDERGOING COLON AND RECTAL RESECTIONS**

*Presenter: Amir Bastawrous, MD, MBA*

9:30 am **#6 HIGHER ROBOTIC COLORECTAL SURGERY VOLUME IMPROVES OUTCOMES: A RETROSPECTIVE REVIEW FROM A LARGE HEALTHCARE SYSTEM**

*Presenter: Canaan Baer, MD*

9:45 am **BREAK** (Visit Exhibitors)

10:15—11:00 AM

#### DISTINGUISHED GUEST SPEAKER

Patricia L. Roberts, MD

**DEVELOPMENT OF COSATS (COLORECTAL OBJECTIVE STRUCTURED ASSESSMENT OF TECHNICAL SKILLS) – LESSONS LEARNED**

#### ABSTRACT SESSION II

(11:00—12:30 PM)

Moderator: Jennifer Lee, MD

11:00 am **#7 ADIPOSE DERIVED MESECHYMAL STEM CELLS BOUND TO ARTIFICIAL MATRIX FOR THE TREATMENT OF PERIANAL FISTULAS IN CROHN'S DISEASE**

*Presenter: Amy L. Lightner, MD*

11:15 am **#8 ANALYSIS OF THE IMPACT OF USING A CLINICAL DECISION SUPPORT TOOL IN REDUCING RED BLOOD CELL TRANSFUSION UTILIZATION IN COLORECTAL SURGERY**

*Presenter: Kim Nguyen-Ta, MS*

11:30 am **ADJUVANT CHEMOTHERAPY AFTER RADICAL RESECTION FOR RECTAL CANCER: ARE GOALS OF TREATMENT BEING ACHIEVED?**

*Presenter: Ryan Rochon, MD*

11:45 am **#10 MANAGEMENT OF ANTICOAGULATION/ANTIPLATELET THERAPY BEFORE AND AFTER COLONOSCOPIC POLYPECTOMY: HOW LONG ARE WE HOLDING?**

*Presenter: William Oh, MD*

12:00 pm **#11 CORRECTION OF ANEMIA BEFORE COLORECTAL CANCER SURGERY: A REVIEW OF THE LITERATURE AND RETROSPECTIVE REVIEW OF CASES AT A SINGLE INSTITUTION**

*Presenter: Andrew Discolo, MD*

12:15 pm **#12 INTERSTIM PERIPHERAL NERVE EVALUATION (PNE) FOR FECAL INCONTINENCE: HIGH-FIDELITY TESTING FOR FECAL INCONTINENCE**  
*Presenter: H. Randolph Bailey, MD*

### FRIDAY, JULY 28, 2017

6:15 am **BREAKFAST** (Visit exhibitors)

7:15 am Call to Order

7:30—8:15 AM

#### DISTINGUISHED GUEST SPEAKER

Patricia L. Roberts, MD

**“DIVERTICULITIS—DATA AND DOGMA”**

8:15 am **PAR KAMANGAR RESIDENT ETHICS DEBATE**

DO SATISFACTION SCORES IMPROVE OR ENDANGER QUALITY OF PATIENT CARE?

- PRO—Kristin Busch, MD
- CON—Katherine Kelly, MD

THE SICK PHYSICIAN: TO WORK OR NOT TO WORK?

- PRO—William Oh, MD
- CON—Ryan Rochon, MD

9:00 am **BREAK** (Visit Exhibitors)

9:30—10:15 am

#### PAR KAMANGAR LECTURE

Sean Langenfeld, MD

**“SOCIAL MEDIA AND THE MODERN SURGEON: BALANCING PRIVACY AND PROFESSIONALISM”**

#### ABSTRACT SESSION III

(10:15—11:30 AM)

Moderator: Jennifer Lee, MD

10:15 am **#13 HOW TRAVEL DISTANCE IMPACTS READMISSIONS IN COLON AND RECTAL CANCER PATIENTS: WHAT THE PRIMARY OPERATIVE TEAM NEEDS TO KNOW**

*Presenter: Katherine A. Kelley, MD*

10:30 am **#14 RECTAL ADENOCARCINOMA PRESENTS AS A CYSTIC PELVIC MASS**  
*Presenter: Jill E. Clark, MD*

10:45 am **#15 OUTCOMES OF COLORECTAL RESECTION FOR GYNECOLOGIC MALIGNANCY: A REPORT FROM THE WASHINGTON STATE SURGICAL CARE AND OUTCOMES ASSESSMENT PROGRAM**

*Presenter: Ryan Clark, MD*

11:00 am **#16 IMPLEMENTATION OF A MEDICAL CODING CURRICULUM FOR SURGERY RESIDENTS**

*Presenter: Heather E. Hoops, MD*

11:15 am **#17 INTERSTIM PERIPHERAL NERVE EVALUATION (PNE) FOR FECAL INCONTINENCE: HIGH-FIDELITY TESTING FOR FECAL INCONTINENCE**

*Presenter: H. Randolph Bailey, MD*

11:30—12:15 Pm

**GUEST SPEAKER**

Sarah Bastawrous, DO

**“UPDATES ON MRI STAGING OF RECTAL CANCER”**

12:15—1:15 PM

**LUNCH SYMPOSIUM (NON-CME)**

Amir Bastawrous, MD

**“CLINICAL AND FINANCIAL VALUE OF ROBOTIC COLORECTAL SURGERY”**

*Sponsored by Intuitive Surgical*

1:15 pm Executive Board Meeting

6:00 pm Kids Dinner and Activities

6:00 pm Annual Reception and Banquet  
**GUEST SPEAKER: Rick Billingham, MD**  
**“RUMINATIONS OF A CURMUDGEON”**

**SATURDAY, JULY 29, 2017**

6:15 am **BREAKFAST** (Please meet with exhibitors!)

7:15 am **BUSINESS MEETING** (Members Only)

7:45—8:30 AM

**GUEST SPEAKER**

Piroska Kopar, MD

**“CAN ETHICS BE TAUGHT IN SURGERY?”**

**ABSTRACT SESSION IV**

(8:30 – 10:00 am)

Moderator: Megan Cavanaugh, MD

8:30 am **#18 A QUANTITATIVE RISK-BENEFIT ANALYSIS OF PROPHYLACTIC SURGERY PRIOR TO EXTENDED-DURATION SPACEFLIGHT**

*Presenter: Danielle Carroll, MD*

8:45 am **#19 SEARCHING FOR DARKNESS IN THE BLACK HOLE: IS THERE A ROLE FOR HIGH RESOLUTION ANOSCOPY SURVEILLANCE AFTER WIDE LOCAL EXCISION OF ANAL MELANOMA?**

*Presenter: Ryan Clark, MD*

9:00 am **#20 EFFICACY OF DIAZEPAM IN LEVATOR ANI SYNDROME**

*Presenter: Cecilia A. Lynn, ARNP*

9:15 am **#21 EFFECT OF BODY MASS INDEX ON RECURRENCE OF RECTAL PROLAPSE AFTER SURGICAL REPAIR**

*Presenter: Kristin Busch, MD*

9:30 am **#22 MANAGEMENT OF THE DIFFICULT STOMA**

*Presenter: David E. Beck, MD*

9:45 am **#23 VENTRAL MESH RECTOPEXY: MAKING THE PELVIC FLOOR GREAT AGAIN**

*Presenter: Jill Clark, MD*

10:00 am **BREAK** (Visit Exhibitors)

10:30—11:15 am

**EUGENE SULLIVAN MEMORIAL LECTURE**

Liliana Bordeianou, MD

**“SURGICAL TREATMENT OF INTERNAL INTUSSUSCEPTION AND RECTAL PROLAPSE: CHOOSING THE RIGHT OPERATION FOR THE RIGHT PATIENT”**

**ABSTRACT SESSION V**

(11:15—12:15 PM)

Moderator: Darren Pollock, MD

11:15 am **#24 DEVELOPMENT OF EXPERT TIMES FOR ENDOSCOPY SIMULATOR TASKS IN PREPARATION FOR THE FUNDAMENTALS OF ENDOSCOPIC SURGERY EXAM**

*Presenter: Heather E. Hoops, MD*

11:30 am **#25 RESIDENT KNOWLEDGE OF BENIGN ANAL DISEASES: HOW GENERAL SURGERY COMPARES TO OTHER DISCIPLINES**

*Presenter: Katherine A. Kelley, MD*

11:45 am **#26 COLORECTAL ANASTOMOTIC STAPLERS: COST VS. EFFICACY**

*Presenter: Toby Muniz, MD*

12:00 pm **#27 REDUCING COLORECTAL SSI'S: RESULTS OF AN INSTITUTION-WIDE STANDARDIZATION PROTOCOL**

*Presenter: Daniel Herzig, MD*

12:15 pm Resident Awards/Apple Watch Drawing

12:30 pm **ADJOURN**

**Please turn in your evaluation form to claim CME credits and take the self-assessment tests before August 8th.**

**EXHIBITORS**

We greatly appreciate the participation of the following exhibitors:

**PLATINUM**

ETHICON

**GOLD**

INTUITIVE SURGICAL

LIFECELL

**BRONZE**

BARD DAVOL

BK MEDICAL

HALYARD HEALTH

MALLINCKRODT

MEDTRONIC

SHIRE

**MEMBERSHIP ROSTER**

Aaron, Kenneth ..... Newport Beach, CA  
 Abcarian, Herand ..... Chicago, IL  
 Ailabouni, Luay ..... Richland, WA  
 Bailey, H. Randolph (Kelly) ..... Houston, TX  
 Barton, Jeffrey ..... New Orleans, LA  
 Bascom, Thomas (Sarah) ..... Springfield, OR  
 Bastawrous, Amir (Sarah) ..... Seattle, WA  
 Beart, Robert ..... Pasadena, CA  
 Beck, David (Sharon) ..... Madisonville, LA  
 Belt, Robert ..... Laguna Beach, CA  
 Berman, Irwin ..... Brunswick, GA  
 Billingham, Richard (Judy Folks) ..... Seattle, WA  
 Bitar, David ..... Berkeley, CA  
 Bossart, Peter ..... Salt Lake City, UT  
 Breen, Roy ..... Portland, OR  
 Browning, Scott (Marsha) ..... Portland, OR  
 Buie, W. Donald ..... Calgary, Alberta  
 Carveth, William ..... Fresno, CA  
 Cavanaugh, Megan (Jeffrey Hulse) .. Portland, OR  
 Charron, Paul (Phaimany) ..... Henrico, VA  
 Childs, Tracey ..... Santa Monica, CA  
 Chiu, Yanek (Mary) ..... San Francisco, CA  
 Christante, Dara ..... Spokane, WA  
 Cogen, Lorna ..... San Pablo, CA  
 Cooperman, Howard ..... Montecito, CA  
 Corman, Marvin ..... Stony Brook, NY  
 Cosman, Bard ..... San Diego, CA  
 Coughlin, Richard (Liz Stroh-Coughlin) Los Gatos, CA  
 Crume, Abby ..... Holladay, UT  
 Cullen, Jr., P. Kent ..... Santa Barbara, CA  
 Dean, Phillip ..... Renton, WA  
 Deveney, Karen (Cliff) ..... Portland, OR  
 Devine, Richard (Betty) ..... Rochester, MN  
 Evetts, Brent ..... Tualatin, OR  
 Fealk, Michael ..... Chico, CA  
 Forstner-Barthell, Adrienne ..... Glendale, AZ  
 Frankhouse, Joseph (Julie) ..... Portland, OR  
 Freilich, Michael (Brooke) ..... Ketchum, ID  
 Garry, John ..... Fresno, CA  
 Gladstone, Laura (Brett Larkins) ..... Seattle, WA  
 Goldberg, Stan ..... Edina, MN  
 Goldblatt, Marc ..... Phoenix, AZ  
 Green, Johnny (Kathleen) ..... Boise, ID  
 Griffin, John (Jodi) ..... Seattle, WA  
 Gross, Molly ..... Salt Lake City, UT  
 Hardiman, Karin (Chandler McLeod) .. Ann Arbor, MI  
 Hawkins, Melinda ..... Seattle, WA  
 Hayman, Amanda ..... Portland, OR  
 Hendrickson, Nyle ..... Bellevue, WA  
 Herzig, Daniel (Sallie) ..... Portland, OR  
 Hiler, Kevin ..... San Francisco, CA  
 Hoskins, Anna ..... Boise, ID  
 Hoversten, Glen ..... Eugene, OR  
 Inman, Dean ..... Eugene, OR  
 Jacobs, Elias ..... San Mateo, CA  
 Jackson, Katharine ..... Chelan, WA

**Johnson, Eric (Amy)** .....Fox Island, WA  
**Johnson, Garner**.....Rexford, NY  
**Juviler, Adam (Christine O'Malley)** ..Spokane, WA  
**Kahn, Harry** ..... Kirkland, WA  
**Kamangar, Parvis** ..... San Francisco, CA  
**Kantarian, J. Chris (Marie)** ..... Boise, ID  
**Karsten, Benjamin** ..... Boise, ID  
**Kim, Ran** ..... Walnut Creek, CA  
**Kimmins, Mark** .....Anchorage, AK  
**Kirchner, Marvin** ..... San Francisco, CA  
**Kratz, Rodney** .....Seattle, WA  
**Kuhl, Howard (Betty)** ..... Redmond, WA  
**Kumar, Anjali** .....Seattle, WA  
**Kumar, Ravin**.....Torrance, CA  
**Lange, Erin**.....Seattle, WA  
**Larson, David** ..... Rochester, MN  
**Lee, Patrick** ..... Portland, OR  
**Leichtling, Jonathan**..... San Francisco, CA  
**Levin, Joshua**.....Tacoma, WA  
**Lewis, F. Gary** ..... Kirkland, WA  
**Lu, Kim** .....Portland, OR  
**Lutfiyya, Waleed** .....Clackamas, OR  
**Manchio, Jeffrey** .....Portland, OR  
**Matthews, Joseph (Terry)**.....Chico, CA  
**Matthews, R. Douglas (Maureen)**.....Chico, CA  
**McClure, Amanda** .....Portland, OR  
**McConnell, Elizabeth** ..... Phoenix, AZ  
**McGillivray, Timothy** ..... Redondo Beach, CA  
**McGuinness, Brian (Lisa)** ..... Walnut Creek, CA  
**McNevin, M. Shane (Kris)** .....Spokane, WA  
**Menon, Raman** .....Seattle, WA  
**Morris, Arden** ..... Stanford, CA  
**Najarian, Melissa (Curt Leitz)**.....Duluth, MN  
**Neisen, Misty** ..... Boise, ID  
**Nelson, Heidi** ..... Rochester, MN  
**Nelson, R. Scott (Marielle)**..... Grants Pass, OR  
**Ng, Daniel** ..... Newport Beach, CA  
**Nivatvongs, Santhat**..... Rochester, MN  
**O'Brien, David**..... Portland, OR  
**Ommen, Samuel (Gilsa)** ..... Walnut Creek, CA  
**Orangio, Guy** ..... New Orleans, LA  
**Paim, Sandra** ..... Midvale, UT  
**Palmer, Donald** .....Alamo, CA  
**Parsons, David** .....Clackamas, OR  
**Peters, Walter**..... Columbia, MO  
**Pickron, Bartley**.....Salt Lake City, UT  
**Pigazzi, Alessio** ..... Orange, CA  
**Pollock, Darren(Karin Larson-Pollock)** Seattle, WA  
**Porter, George (Susan)** ..... Victoria, BC Canada  
**Prabhakar, Lawrence** ..... Rockford, IL  
**Raju, Nalini (Krishna Vasudevan)** ..... Stanford, CA  
**Ramamoorthy, Sonia** ..... La Jolla, CA  
**Raphaeli, Tal (Kimberly)**.....Houston, TX  
**Rosenfeld, David** .....Simi Valley, CA  
**Rypins, Eric**..... Vista, CA  
**Salehomoum, Negar** ..... Walnut Creek, CA  
**Sambasivan, Chitra** .....Atlanta, GA  
**Sawai, Rebecca** ..... Honolulu, HI

**Segall, Mark** ..... Los Gatos, CA  
**Seltman, Ann**.....Spokane, WA  
**Simons, Anthony (Gail)**..... Longview, WA  
**Sinanan, Mika (Jennifer)**..... Seattle, WA  
**Smiley, Peter** .....Portland, OR  
**Stamos, Michael** ..... Orange, CA  
**Tahilramani, Reena**.....Houston, TX  
**Talbott, Vanessa** ..... San Francisco, CA  
**Thornton, Joseph** ..... Las Vegas, NV  
**Thorson, Alan** ..... Omaha, NE  
**Tsikitis, V. Liana (Steven Ehlbeck)**.....Portland, OR  
**Tuxen, Peter** .....Stockton, CA  
**Varma, Madhulika (Jonathan Terdiman, MD)** San Francisco, CA  
**Volpe, Peter** ..... San Francisco, CA  
**Waldron, Jill** .....Salt Lake City, UT  
**Wang, Jennifer** ..... Mountain View, CA  
**Welling, David**.....Bethesda, MD  
**Whiteford, Mark (Heather)**.....Portland, OR  
**Williams, Shauna (Rick)** ..... Boise, ID  
**Worden, Sara** ..... Everett, WA  
**Wu, Peter (Lily)** ..... Seattle, WA  
**Yavrouian, Robert** ..... Los Angeles, CA  
**Yee, Laurence** ..... San Francisco, CA

## NEW MEMBERS

We are pleased to welcome the following new members to the NWS CRS family:

- Jeffrey Barton, MD (New Orleans, LA)
- W. Donald Buie, MD (Calgary, Alberta)
- Phillip Dean, MD (Renton, WA)
- Molly Gross, MD (Salt Lake City, UT)
- Amanda Hayman, MD (Portland, OR)
- Anna Hoskins, PA-C (Boise, ID)
- Garner Johnson, MD (Rexford, NY)
- Anjali Kumar, MD (Seattle, WA)
- Misty Neisen, PA-C (Boise, ID)
- Bartley Pickron, MD (Salt Lake City, UT)
- Ann Seltman, MD (Spokane, WA)

**Northwest Society of Colon & Rectal Surgeons**  
 PO Box 2459  
 Lynnwood, WA 98036  
 Tel: 206-794-9124 | Cell: 206-794-7022  
 Fax: 206-319-4601  
 Email: [nwscrs@gmail.com](mailto:nwscrs@gmail.com)  
 Website: [www.nwscrs.org](http://www.nwscrs.org)