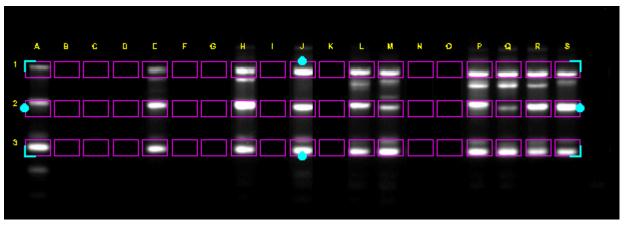
20th Annual WCCTA Conference



Sleeping Lady Resort and Conference Center Leavenworth, WA

October $4^{th} - 6^{th}$, 2012

Brought to you by.....

Big Bend Community College Wenatchee Valley College Yakima Valley Community College



Welcome

Whether you're discovering Sleeping Lady for the first time, or a returning guest rediscovering all of your favorite haunts, we are delighted you'll be staying with us. We hope that you will take advantage of all that we have to offer during your stay.

Check in is 3 pm, check out is 11 am. All guest rooms offer complimentary WiFi Internet access and network connections. By design, guest rooms do not have televisions, refrigerators or mini bars.

Your meals*, if included in your package will be served in the **Kingfisher Dining Lodge**. Dinner is served 6 - 7:30 pm with salad and bar service beginning at 5 pm; lunch is 12 - 1 pm and breakfast is served 7:30 - 9 am. Meals are chef's choice and are served buffet style in Kingfisher's lodge-style setting. An extensive beer and wine list highlights local favorites and complements the menu, which changes daily. Seasonal specialty drinks are also available. *Please check with your Group Leader for your group's specific meal times.

Serving wine, beer, and spirits, **The Grotto** offers a relaxing place to toast with colleagues or unwind after dinner. The Grotto's interior features a faux granite wall crafted to represent local stone, and dramatic Chihuly icicle chandelier. A new outdoor space featuring a fire circle, waterfall and ample seating is a wonderful place to spend a warm summer evening. An extensive list of Washington wines and microbrews, along with signature cocktails, make The Grotto the ideal place after a day of adventure. The Grotto opens at 4:30 pm daily.

O'Grady's Pantry opens at 7 am to quench your early morning espresso craving and also serves lunch. Our menu includes soups, salads, panini and deli sandwiches, quiche, hot entrees and a sinful selection of seasonal desserts and ice cream. We serve a wide selection of teas and juices, as well as a fine collection of Northwest wines, beers and spirits.

Want to take something home for your spouse and kids? Take a peek at our newest gift nook, **The Mercantile**, located within O'Grady's Pantry, and peruse our whimsical selection of unique gifts, apparel, books and works of art, selected for their environmental sensitivity, fair trade certification, artisan craftsmanship or unique character. If you don't find what you're looking for, browse the unique work of select artists, authors, musicians and jewelry artisans in our new boutique, **Sleeping Lady Gifts**, located in our main lobby. A selection of personal care items is available at Guest Services.

If your schedule allows, treat yourself to a relaxing massage, rejuvenating body treatment or cleansing facial in one of our new private treatment rooms at **Solstice Spa at Sleeping Lady**. Call Guest Services, 800-574-2123 for appointment availability.

Cool off in our elegant and natural, **rock-lined swimming pool**, open seasonally April through October. An adjacent hot pool, heated year round, will warm you up after an early morning run or late evening bike ride. The pools are open 24 hours and can be accessed with your room key. Don't forget your suit!

Relax and unwind in our **Dry Sauna**, located near the entrance to **Solstice Spa at Sleeping Lady**. The sauna is open 24 hours and can be accessed with your room key.

Grasshopper Fitness, our fitness room, is located next to the massage/sauna building. Equipment includes a treadmill, an elliptical cross-trainer, a recumbent bicycle, weights, and stretch trainers. Grasshopper is open 24 hours a day and can be accessed with your room key. Rent a bike for an afternoon or for the whole day and explore the surrounding area. Rates are \$20 full day, \$15 half day. Rentals are available at Guest Services.

Take a stroll through the **Organic Garden** at Sleeping Lady, which produces many of the fruits, vegetables and herbs used in the restaurants. Tours are offered by the Garden Manager, Saturdays, May-September at 5 pm. Meet at the Organic Garden sign near KOHO Radio, just off the main parking lot.

Enjoy the relaxing combination of nature and art with a **self-guided art walk**, highlighting a variety of visual art including paintings, sculptures made of wood, stone, glass and metal, woven art such as blankets and baskets and hangings. Maps are available at the Guest Services desk.

Shoot a game of billiards, try your hand at table tennis or put on a skit on stage in **The Playhouse**, our new family hospitality room. The Playhouse is open 6 am - 10 pm and can be accessed with your room key.

Curl up and relax with a good book in our quiet and **cozy library**, located within the Forest cluster. The library is accessible with your room key.

Our Guest Service Agents are happy to help with requests including spa appointments and referrals to local activities and attractions.

If there is anything we can do to assist you in planning your visit, please don't hesitate to contact us! Guest Services is just a call away. 1-800-574-2123 or info@sleepinglady.com

Sleeping Lady is a smoke-free environment and ADA compliant.

We look forward to your visit!

Washington College Chemistry Teachers Association 2012 Conference Program at a Glance

	Thursday, October 4, 2012	
3:00 – 10:00 pm	Check-in (Sleeping Lady Main Office)	
4:30 – 10:00 pm	Conference Registration (Woodpecker)	
6:00 – 7:30 pm	Dinner (Kingfisher Dining Lodge)	
8:00 – 10:00 pm	Informal socializing	
	Grotto Bar, hot tub, library, where ever	

	Friday, October 5, 2012			
7:30 – 8:30 am	Breakfast			
8:45 – 9:00 am		Welcome – Chapel Theatre		
9:00 – 10:15 am		Keynote Address		
	Dr. Larry Wienkers - Executive Direct	ctor Department of Pharmacokinetics	and Drug Metabolism, Amgen Inc.	
	The Role of Dri	ug Metabolism in BioTherapeutic Dr	rug Discovery	
10:15 – 11:00 am		Vendor Break, Salmon Gallery		
	Chapel Theatre	Woodpecker	Flicker	
11:00 – 11:50 am	Kathy Carrigan (Portland CC) Updates from the BCCE: Symposium on Distance Learning	Dion Rivera (CWU) Assessment of the mathematical and science backgrounds of general chemistry students at Central Washington University and how that correlates to success in the general chemistry sequence	Carole Berg (Bellevue CC) New Green Organic Chemistry Labs	
12:00 – 1:00 pm	Lunch			
1:10 – 2:00 pm Roundtables	General Chemistry	GOB	Organic	
2:00 – 2:45 pm	Vendor Break, Salmon Gallery			

		Friday, October 5, 2012 cont'd	
	Chapel Theatre	Woodpecker	Flicker
2:45 – 3:35	John Thompson (Lane CC)	Thomas Ferguson (Tacoma CC)	Terrah J. Goeden (CWU)
	Diet Coke & Mentos Science with 5 th Graders	The Flipped Classroom: Maximize Student Achievement	Community-Based Inquiry: An instructional method to improve student critical thinking and promote gender and ethnic equity
3:40 – 4:35 pm	Shane E. Hendrickson (WVC)	<u>Discussion</u> of Online Homework and related classroom technology issues:	Dharshi Bopegedera (Evergreen)
	Humor in the Chemistry Classroom	Facilitator: Tanya Knickerbocker (Yakima CC)	Using Primary Literature as a Teaching Tool
		What are you using individually and what are your experiences?	
4:45 – 6:30 pm		Reception - Salmon Gallery by Cengage	
6:30 – 7:30 pm	Dinner		
8:00 – 10:00 pm	Evening presentation		
	Mr. Tim Kostelecky; Senior Manager, Technical Services; John I. Hass, Inc.		
	The Technology of Hops in Brewing		
	Various Beverages available		

	Saturday, Oc	tober 6, 2012	
7:30 – 9:00 am	Breakfast		
	Woodpecker	Flicker	
9:05 – 9:30 am	<u>Discussion</u> of: <u>Novel Laboratory Experiments</u> You Do This discussion will first focus on your Novel Experiments and then transition to Undergraduate Research discussion.	Rebecca Sunderman (Evergreen) Combining Chemistry and Native Studies	
	Facilitators: Sam Mazhari and Tanya Knickerbocker (Yakima CC)	(9:05 – 9:30)	
	What are you doing,? (9:05 - 9:30)		
9:35 – 10:00 am	<u>Discussion</u> of: <u>Undergraduate Research</u> with introduction on using local industry as resources: Facilitators: Sam Mazhari and Tanya Knickerbocker (Yakima CC)	Kerry Breno (Whitworth University) Natural Products and Modern Methods in the Organic Chemistry Lab- Palladium Catalyzed Indole Synthesis (9:35 – 10:00)	
10:05 – 10:30 am	What are you doing, what can you do, what is the importance of this student experience? (9:35 – 10:30)	Karen Stevens (Whitworth U) Intro/Gen Chem Experiments with common items: Glass, Pepto-Bismol, and Glue (10:05 – 10:30)	
10:30 - 11:00 am	Break and Check-out by 11 am		
11:10 – 11:50 am	Business Meeting – Woodpecker		
12:00 – 1:00 pm	Lunch		
1:00 pm	Have a safe drive home!		

Program Details

Friday Keynote Address

October 5, 2012

9:00 – 10:15 am

Chapel Theatre

The Role of Drug Metabolism in BioTherapeutic Drug Discovery

Dr. Larry Wienkers - Executive Director in the Department of Pharmacokinetics and Drug Metabolism, Amgen Inc., Seattle, WA.

Drug research is comprised of several diverse disciplines united by a single goal, namely the development of novel therapeutic agents to treat grievous illness. The search for new medicines can be divided functionally into two stages: discovery and development. The former consists of setting up a working hypothesis of the pharmacological target for a particular disease. Once the target enzyme, ligand or receptor is identified, medicinal and/or protein chemists use a variety of empirical and semiempirical structure-activity relationships to modify the chemical structure of a compound to maximize its pharmacological activity. However, robust pharmacological activity cannot be extrapolated to good biological activity unless a particular drug candidate has, in addition to potency towards a selected target, adequate systemic exposure, a desirable duration of action and good safety profile. To this end, there has been over the past decade a growing awareness of the key roles that pharmacokinetics and drug metabolism play as determinants of in vivo drug action. In fact, many drug companies routinely include examination of pharmacokinetics and drug metabolism properties as part of their screening processes in the selection of drug candidates. The working hypothesis around this effort reflects the notion that a comprehensive exploitation of pharmacokinetics and drug metabolism discovery data, instead of iteratively focusing on a single parameter, can enhance the success rate of drug discovery candidates. Consequently, industrial Drug Metabolism & Pharmacokinetic (DMPK) scientists have evolved from traditional supportive roles in drug hunting to true partners in Drug Discovery efforts. To this end, the current presentation will focus upon the application of pharmacokinetics and drug metabolism studies in BioTherapeutic Drug Discovery with special emphasis upon developing skill sets, beyond synthesis and analytical, that allows chemistry trained scientists to thrive in an ever changing industrial environment.

Friday Morning Abstracts

October 5, 2012

11:00 – 11:50 am

Updates from the BCCE: Symposium on Distance Learning Kathy Carrigan (Portland CC)

Chapel Theater

I am co-hosting the symposium on DL Chemistry at the BCCE at Penn State this summer with Ken Friedrich, Amy Miller (Millersville College), and Laura Anna (Montgomery College).

I hope to have the latest information from the world of Distance Education from across the country to share. I will be sure to have web addresses and resources of any new technology introduced. I will also share the ACS division of 2 year colleges has to say about DL chemistry.

I hope to make this more of an information sharing event, so if you are teaching any type of distance please consider sharing what works for your students!

Assessment of the mathematical and science backgrounds of general chemistry students at Central Washington University and how that correlates to success in the general chemistry sequence.

Woodpecker

Dion Rivera (CWU)

How critical is a student's mathematical ability to their success in general chemistry? What is the math and science background of the student enrolled in a general chemistry class? CAN ANY OF MY GENERAL CHEMISTRY STUDENTS GRASP BASIC ALGEBRAIC LOGIC?

These questions and others have been on the minds of those of us that teach the general chemistry sequence at Central Washington University (CWU) and they are likely not unique to the faculty at CWU. The undergraduate curriculum committee and faculty members who teach in the general chemistry sequence have tried to get a handle on some of these questions by assessing our general chemistry student's mathematical and quantitative reasoning skills thorough use of an exam that was developed by the undergraduate curriculum committee. A self report survey has also been implemented in our final quarter of the general chemistry sequence to get an idea of the background of students who actually make it through the general chemistry sequence. Some of the results have been quite surprising. For instance ~20% of the students reported that they had never worked with e^x prior to the general chemistry series. Roughly 13% report having never worked with logarithms even though all students report that they have taken at least intermediate algebra. This talk will discuss the results to date in this ongoing assessment of our general chemistry population and will present some potential solutions.

New Green Organic Chemistry Labs

Flicker

Carole Berg (Bellevue CC)

The Journal of Chemical Education has provided wonderful experiments from chemists across the country since its inception and now we can find some excellent green labs for second year organic chemistry students within its pages. My classes have been testing out several new labs and the three I will be presenting have been exceptionally useful. How about a 10 hour lab in 4 minutes using a microwave in the hood or a complex Pechmann condensation reaction that is very simple to do and uses many common organic mechanisms. Then let's look at a free radical substitution reaction with regiochemistry that is easy to verify with reliable results using a GCMS. If we have some extra time, we might even try some organic songs just for fun.

Friday Afternoon Abstracts

October 5, 2012

1:10 - 2:00 pm

Roundtable Discussions

Traditionally these discussions or Birds of a Feather were done on Saturday morning. At the request of some of the membership we scheduled these to allow for separation of Organic and GOB discussion groups

Facilitated discussion of ideas, concerns and questions related to teaching of General Chemistry.

General Chemistry Chapel Theater

GOB Woodpecker

Organic Flicker

(please return room seating to original setup when completed)

2:45 - 3:35 pm

Diet Coke & Mentos Science with 5th Graders

Chapel Theater

John Thompson (Lane CC)

5th Grade is a level where children often begin to lose interest in science. With all the other demands on elementary school teachers, it is easy for science to be given minimal attention. For the last two years I have worked with my organic chemistry students to do experimental science with 5th graders using Diet Coke and Mentos. We have used an open inquiry approach where the students have designed and implemented the experiments, and then analyzed the results. I will share our experience and would like to discuss how this program can grow in the future.

2:45 – 3:35 pm

The Flipped Classroom: Maximize Student Achievement

Woodpecker

Thomas Ferguson (Tacoma CC)

Maximize both the quality and quantity of student classroom involvement. "Flipping the classroom" is a term given to presenting lectures and lessons – essentially information acquisition - through electronic devices prior to students coming to class. In-class time is used for labs, discussions, and assessments – higher-level learning involving application, synthesis and evaluation – with the instructor present to provide one-on-one feedback and guided practice. The presenter will share how he created courses using lecture-capture software (Tegrity) and other instructional technologies. Participants will leave with the following: what is a flipped classroom, pros and cons, ESL implications, basic knowledge of required equipment, and cursory knowledge of implementing a flipped classroom strategy. Presentation is at the beginner level and minimal prior technical knowledge assumed.

2:45 - 3:35 pm

Community-Based Inquiry: An instructional method to improve student critical Flicker thinking and promote gender and ethnic equity

Terrah J. Goeden (CWU)

In the Community-Based Inquiry (CBI) instructional method, collaborative student groups complete case study exercises based upon scientific literature and carry out their own laboratory investigations addressing authentic community needs. This study compared critical thinking, content knowledge, and student evaluations of instruction outcomes between traditional Introductory Biochemistry lecture/laboratory instruction and a CBI curriculum that employed human health case studies and laboratory investigations into the nutritional value of local elementary school lunches. Students in CBI showed significant critical thinking gains, whereas students in traditional instruction did not. Significant sex disparity in critical thinking outcomes was observed with traditional but not CBI methods, indicating female and male critical thinking equity with CBI. Content knowledge gains were equivalent between CBI and traditional groups. However, nonwhite students gained significantly more content knowledge in the CBI group than in the traditional group. Students indicated that CBI instruction had a larger workload, required more effort for success, and presented a greater intellectual challenge than did the traditional method. CBI students also evaluated their lecture instructor more favorably than did students with the same instructor in the traditional group. We encourage faculty to consider the CBI instructional model to facilitate critical thinking skills and gender and ethnic equity in their courses. This talk will involve audience participation in illustrative small-group activities.

3:40 – 4:35 pm Humor in the Chemistry Classroom

Chapel Theater

Shane E. Hendrickson (WVC)

I submit humor is a powerful tool in connecting individuals thereby allowing an increased sense of commonality and improved communication, be it in the chemistry classroom or elsewhere. In this session I have drawn on my own experience and that of fellow WCCTA members to provide a Smörgåsbord of potentially pleasing offerings you may find useful in your chemistry instruction. These will be broadly divided into (1) amusing anecdotes (2) situational humor (3) concept metaphors (4) humorous assessment questions (5) bad puns (6) worse chemistry jokes and (7) curiosities that defy categorization. While the session is obviously intended to be light-hearted, emphasis will be placed on those offerings that have proven to be valuable tools in the collegiate chemistry learning environment.

3:40 -4:35 pm

Discussion of Online Homework and related classroom technology issues:

Woodpecker

The first of the three larger discussion topics.

From last fall's conference the membership indicted they wanted more discussions on relevant topics. We elicited topics at the business meeting and have included three larger discussion topics in this year's program.

Facilitator:

Tanya Knickerbocker (Yakima CC)

What are you using individually and what are your experiences.

3:40 – 4:35 pm

Flicker

Using Primary Literature as a Teaching Tool

Dharshi Bopegedera (Evergreen)

Reading and learning from the scientific literature is one of the most important skills we wish for our students to learn. After all, primary literature is the mode of communication for scientists.

Teaching students how to glean as much information as possible from a publication however, is a challenging task. First, there is the challenge of finding an article on the topic of interest that is intelligible to an undergraduate with their limited chemistry knowledge. Second, even when the "right paper" is found, how much a student gets out of it depends on the effort he/she puts into reading and comprehending the article. All too often one finds that the few best students have "read" most of the paper while much of the class has gained little from the experience. After many frustrating attempts, I have found an effective way to engage students of all levels in actively reading scientific literature that leads to comprehension. I used it effectively in physical chemistry and general chemistry courses. I will share some of the papers and the method I used to help *all* students get the most out of reading primary literature. I will also discuss my limited experience in helping students transition towards independence in accessing the primary literature.

4:45 - 6:30 pm

Salmon Gallery

Beer and Wine Reception Presented by Cengage

Friday Evening Event

October 5, 2012

8:00 - 10:00 pm

The Technology of Hops in Brewing

Woodpecker

Tim Kostelecky (John I. Haas, Inc.)

For many centuries, hops have been an essential ingredient in beer, not just for aroma and flavor, but also for a wide range of additional benefits they provide for beer including product stability and appearance. Hops have recently been shown to contain powerful anti-oxidants that could possibly provide health benefits. We will take a look at the technology of hops in beer including their role in brewing chemistry, benefits to beer, and also the technology behind the commercial production of a myriad of different hop products currently used in brewing.

Tim is Senior Manager for John I. Haas, Inc. in Yakima Washington. His talk will include a small sample tasting of various applications of hops technology.

During his talk we also will have various beverages available to purchase. This service is supported by a DONATION FROM PEARSON PUBLISHING.

Saturday Morning Abstracts

October 6, 2012

9:05 – 9:30 am

Woodpecker

Discussion of: Novel Laboratory Experiments You Do

This discussion will first focus on your novel experiments and then transition to Undergraduate Research discussion.

Second of the larger discussion topics.

From last fall's conference the membership indicted they wanted more discussions on relevant topics. We elicited topics at the business meeting and have included three larger discussion topics in this year's program.

Facilitator:

Sam Mazhari and Tanya Knickerbocker (Yakima CC)

What are you doing? Bring your experiences and ideas to the discussion.

9:35 – 10:30 am

Woodpecker

Discussion of: <u>Undergraduate Research</u> with introduction on using local industry as resources:

Third of the larger discussion topics.

From last fall's conference the membership indicted they wanted more discussions on relevant topics. We elicited topics at the business meeting and have included three larger discussion topics in this year's program.

Facilitator:

Sam Mazhari and Tanya Knickerbocker (Yakima CC)

What are you doing, what can you do, what is the importance of this student experience?

Bring your experiences and ideas to the discussion.

9:05-9:30 am

Flicker

Combining Chemistry and Native Studies

Rebecca Sunderman (Evergreen)

Contextual chemistry is an alluring and enticing way to excite students about chemistry. Many of our contextual examples include environmental science, healthcare, or agricultural topics. There are so many other possibilities. This past academic year I had the chance to team teach with a Native Studies faculty member. Together we explored a variety of climate and energy issues occurring on Native American Homelands. In the examination of contemporary Native American struggles to resist cultural and environmental devastation to their communities I was able to teach topics of thermodynamics, equilibrium chemistry, acid- base chemistry, solubility, as well as many other critical components of general chemistry. Students were receptive, demonstrated growth in chemistry knowledge, developed confidence and ability in the lab, and enthusiastically presented projects from their work to the local community. This experiment in contextual chemistry was successful.

9:35-10:00 am

Flicker

Natural Products and Modern Methods in the Organic Chemistry Lab-Palladium Catalyzed Indole Synthesis

Kerry Breno (Whitworth University)

Most current synthetic methods for natural products could not have been possible without employing metal catalyzed reactions. However, in many organic chemistry laboratories metal catalyzed reactions are remarkably absent. At Whitworth we have developed a second semester organic chemistry lab utilizing palladium catalysts for cross coupling to make 2-phenylindole. This type of carbon-carbon bond formation is essential to current synthetic techniques as recognized by the award of the 2010 Nobel Prize in Chemistry to R.F. Heck, E. Negishi, and A. Suzuki. In addition, the lab allows students to use the chemical literature to investigate the medicinal and biochemical relevance of substituted indoles.

10:05-10:30 am

Flicker

Intro/Gen Chem Experiments with common items: Glass, Pepto-Bismol, and Glue

Karen Stevens (Whitworth University)

Students are interested in activities that use everyday materials they are familiar with. Three separate chemical experiments are described that are suitable for a non-majors level, introductory chemistry, or general chemistry course. Bismuth metal is extracted from Pepto-Bismol tablets. Glass and glue are each separately prepared from common household materials.

2012 WCCTA Vendors

Thank you to all the vendors for their participation, door prizes, and sponsoring of social events.

A special thanks to Cengage for supporting the Friday afternoon social.

and Pearson for supporting the Friday evening speaker event

Vendors	Company	e-mail
The American Chemical Society	- Puget Sound Section	bopegedd@evergreen.edu
Angie Harr	Vernier Software and Technology	aharr@vernier.com
Jessie Gilmore	Pearson	Jessie.Gilmore@pearson.com
Alissa Nigro	W.H. Freeman and Company	Alissa.Nigro@macmillan.com
Eric Englund	Cengage Learning	Eric.Englund@cengage.com
Debbie McFarland	Cengage Learning	
Brittney Bent	Cengage Learning	
Josh Fletcher	Cengage Learning	
Eric Ziegler	Cengage Learning	
Bryan Endreson	Cengage Learning	
Emily Clark	McMillan	
John Amend	MicroLab Inc.	jamend@microlabinfo.com

2012 WCCTA Participants Alphabetically

Ashrarft Jake kashworth@yevc.edu Yakima Valley Community College Baldwin Kathy kashworth@yevc.edu Yakima Valley Community College Baldwin Raty kbaldwin@olympic.edu Olympic College Berg Carole cberg@bellevuecollege.edu Bellevue College Beockl Maxi maximilane.boekdemail.edc.edu Edmods Community College Brackett Anne abrackett@werattc.edu Everett Community College Brackett Anne abrackett@verettc.edu Everett Community College Everett Community College Critchlow Sue scritchlow@greenriver.edu Campus Critchlow Sue scritchlow@greenriver.edu Clark College Tacoma Anna acrochet@clark.edu Clark College Tacoma Community College Crochet Amanda acrochet@clark.edu Clark College Tacoma Community College Crochet Amanda acrochet@clark.edu Clark College Tacoma Community College Das Tapas tdas@tacomacc.edu Bellevue College Bellevue	Last Name	First Name	e-mail	School/affiliation
Baldwin Katy kbaldwin@olympic.edu Olympic College Baldwin Ted tbaldwin@olympic.edu Olympic College Berg Carole cberg@belleuecollege.edu Bellevue College Boeckl Maxi maximiliane.boeckl@email.edcc.edu Edmonds Community College Bopegedera Dharshi bopegedd@evergreen.edu The Everegreen State College Brackett Anne abrackett@everettc.edu Everett Community College Brackett Anne abrackett@everettc.edu Whitworth University Brackett Anne abrackett@everettc.edu Campus Carriagan Kathy kearriga@pcc.edu Campus Cirichlow Sue scritchlow@greenriver.edu Green River Community College Crochet Amanda acrochet@clark.edu Clark College Crochet Amanda acrochet@clark.edu Tacoma Community College Drak Jacqueline jarak@bellevuecollege.edu Bellevue College Duffey Trisha tduffey@whitworth.edu Whitworth University Engle	Ashcraft	Jake	jacob.ashcraft@seattlecolleges.edu	South Seattle Community College
Baldwin Ted tbaldwin@olympic.edu Olympic College Berg Carole cberg@bellevuecollege.edu Bellevue College Boeckl Maxi maximiliane.boeckl@email.edc.edu Edmonds Community College Bopegedera Dharshi bopegedd@evergreen.edu The Evergreen State College Brackett Anne abrackett@everettc.edu Everett Community College Breno Kerry kbreno@whitworth.edu Whitworth University Portland Community College Carriagan Kathy kcarriga@pcc.edu Campus Carriagan Kathy kcarriga@pcc.edu Green River Community College Cardoct Critchlow Sue scritchlow@greenriver.edu Green River Community College Cardoct Cardoct Cardoct Carpus Cardoct Cardoc	Ashworth	Kathy	kashworth@yvcc.edu	Yakima Valley Community College
Berg Carole cberg@bellevuecollege.edu Bellevue College Boeckl Maxi maximiliane.boeckl@email.edcc.edu Edmonds Community College Bopegedera Dharshi bopegedd@evergreen.edu Everett Community College Brackett Anne abrackett@everettc.edu Everett Community College Breno Kerry köreno@whitworth.edu Whitworth University Portland Community College - Cascade Carnus Campus Carriagan Kathy kcarriga@pcc.edu Campus Crochet Amanda acrochet@clark.edu Clark College Das Tapas tdas@tacomacc.edu Tacoma Community College Deodhar Sharaddha shraddha.deodhar@bellevuecollege.edu Bellevue College Duffey Trisha tduffey@whitworth.edu Whitworth University Eastman Brandy beastman@tacomacc.edu Tacoma Community College Engel Randy tawnydog@earthlink.net North Seattle Community College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College <td< td=""><td>Baldwin</td><td>Katy</td><td>kbaldwin@olympic.edu</td><td>Olympic College</td></td<>	Baldwin	Katy	kbaldwin@olympic.edu	Olympic College
BockI Maxi maximiliane.bocki@email.edcc.edu Edmonds Community College Bopegedera Dharshi bopegedd@evergreen.edu The Everegreen State College Brackett Anne abrackett@everettcc.edu Everett Community College Breno Kerry kbreno@whitworth.edu Whitworth University Portland Community College - Cascade Carriagan Kathy Kcarriga@pcc.edu Campus Cirichlow Sue scritchlow@greenriver.edu Green River Community College Crochet Amanda acrochet@clark.edu Clark College Deodhar Sharaddha shraddha.deodhar@bellevuecollege.edu Bellevue College Drak Jacqueline idrak@bellevuecollege.edu Bellevue College Duffey Trisha tduffey@whitworth.edu Whitworth University Eastman Brandy beastman@tacomacc.edu Tacoma Community College Eastman Brandy beastman@tacomacc.edu Tacoma Community College Ferguson Tom tferguson@tachen.edu Clark College Fattaleh Nadine nfattaleh@c	Baldwin	Ted	tbaldwin@olympic.edu	Olympic College
Bopegedera Dharshi bopegedd@evergreen.edu The Everegreen State College Brackett Anne abrackett@everettcedu Everett Community College Breno Kerry kbreno@whitworth.edu Whitworth University Breno Kerry kbreno@whitworth.edu Whitworth University Carriagan Kathy kcarriga@pcc.edu Campus Cricholow Sue scritchlow@greenriver.edu Green River Community College Crochet Amanda acrochet@clark.edu Clark College Deadhar Sharaddha shraddha.deodhar@bellevuecollege.edu Bellevue College Duffey Trisha tduffey@whitworth.edu Whitworth University Eastman Brandy beastman@tacomacc.edu Tacoma Community College Engel Randy tawnrydog@earthlink.net North Seattle Community College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Firingibons@seattlecolleges.edu Seattle Central C C and Bellevue College Groyer Cameon cgeyer@olympic.edu Olympic College	Berg	Carole	cberg@bellevuecollege.edu	Bellevue College
Brackett Anne abrackett@everettcc.edu Everett Community College Breno Kerry kbreno@whitworth.edu Whitworth University Portland Community College - Cascade Carriagan Kathy kcarriga@pcc.edu Campus Critchlow Sue scritchlow@greenriver.edu Green River Community College Crochet Amanda acrochet@clark.edu Clark College Das Tapas tdas@tacomacc.edu Tacoma Community College Deodhar Sharaddha shraddha.deodhar@bellevuecollege.edu Bellevue College Duffey Trisha tduffey@whitworth.edu Whitworth University Eastman Brandy beastman@tacomacc.edu Tacoma Community College Engel Randy tawnydog@earthlink.net North Seattle Community College Fattaleh Nadine nfattaleh@clark.edu Clark College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Gibbons Erin Erin.gibbons@seattlecollege.edu Bellevue College Groyer Cameon cgeyer@olympic.edu Bellevue College Grant Karen kgrant@columbiabasin.edu Columbia Basin College Greyer Cameon cgeyer@olympic.edu Olympic College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Handerson (Meg) mhenderson@pierce.ctc.edu Pierce College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hunter Philip phunter@tacomacc.edu Tacoma Community College Killim Robert rkillin@clark.edu Clark College Killim Robert rkillin@clark.edu Clark College Killim Robert rkillin@clark.edu Clark College Killim George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda lkuehner@shoreline.edu Shoreline Community College Kuttz Martha kurtzm@cwu.edu Shoreline Community College	Boeckl	Maxi	maximiliane.boeckl@email.edcc.edu	Edmonds Community College
Breno Kerry kbreno@whitworth.edu Whitworth University Portland Community College - Cascade Carriagan Kathy kcarriga@pcc.edu Campus Cirtchlow Sue scritchlow@greenriver.edu Green River Community College Crochet Amanda acrochet@clark.edu Clark College Das Tapas tdas@tacomacc.edu Tacoma Community College Deodhar Sharaddha shraddha.deodhar@bellevuecollege.edu Bellevue College Drak Jacqueline jdrak@bellevuecollege.edu Bellevue College Duffey Trisha tduffey@whitworth.edu Whitworth University Eastman Brandy beastman@tacomacc.edu Tacoma Community College Engel Randy tawnydog@earthlink.net North Seattle Community College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Gibbons Erin Erin Erin.gibons@seattlecolleges.edu Seattle Central C C and Bellevue College Greyer Cameon kgrant@ecolumbiabasin.edu Columbia Basin College Greyer Cameon kgeyer@oly	Bopegedera	Dharshi	bopegedd@evergreen.edu	The Everegreen State College
Carriagan Kathy kcarriga@pcc.edu Campus Critchlow Sue scritchlow@greenriver.edu Green River Community College Crochet Amanda acrochet@clark.edu Clark College Das Tapas tdas@tacomacc.edu Tacoma Community College Deodhar Sharaddha shraddha.deodhar@bellevuecollege.edu Bellevue College Drak Jacqueline jdrak@bellevuecollege.edu Bellevue College Duffey Trisha tduffey@whitworth.edu Whitworth University Eastman Brandy beastman@tacomacc.edu Tacoma Community College Engel Randy tawnydog@earthlink.net North Seattle Community College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Gibbons Erin Erin.gibbons@seattlecolleges.edu Seattle Central C C and Bellevue College Gold Melodye mgold@bellevuecollege.edu Bellevue College Grant Karen kgrant@columbiabasin.edu Columbia Basin College Greyer Cameon cgeyer@olympic.edu Olympic College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Hart Jim James.Hart3@pcc.edu Portland Community College Henderickon Shane shendrickson@wwc.edu Wenatchee Valley College Henderickon Shane shendrickson@wwc.edu Wenatchee Valley College Hunter Philip phunter@tacomacc.edu Tacoma Community College Klillim Robert rkillin@clark.edu Clark College Killim Robert rkillin@clark.edu Clark College Killim Robert rkillin@clark.edu Clark College Killim Robert rkillin@clark.edu Shoreline Community College Kiriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda lkuehner@shoreline.edu Shoreline Community College Kutzu Martha kurtzm@cwu.edu	Brackett	Anne	abrackett@everettcc.edu	Everett Community College
Carriagan Kathy kcarriga@pcc.edu Green River Community College Cricknow Sue scritknow@greenriver.edu Green River Community College Crochet Amanda acrochet@clark.edu Clark College Clark College Tapas tdas@tacomacc.edu Tacoma Community College Bellevue College Clark Green Trisha tduffey@whitworth.edu Whitworth University Beastman Brandy beastman@tacomacc.edu Tacoma Community College Clark Green Randy tawnydog@earthlink.net North Seattle Community College Fenguson Tom tferguson@tacomacc.edu Tacoma Community College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Gold Melodye mgold@bellevuecollege.edu Bellevue College Grant Karen kgrant@columbiabasin.edu Columbia Basin College Greyer Cameon cgeyer@olympic.edu Olympic College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Hendrackon (Meg) mhenderson@pierce.ctc.edu Pierce College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hunter Philip phunter@tacomacc.edu Glark College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Khakimowa Guzel gkhakimo@bellevuecollege.edu Bellevue College Knickerbocker Tanya thickerbocker@vvc.edu Yakima Valley Community College Kriz@www.edu Western Washington University Kuehnert Linda lkuehner@shoreline.edu Shoreline Community College Kuehnert Linda lkuehner@shoreline.edu Shoreline Community College Knickerbocker Tanya thickerbocker@shore.edu Shoreline Community College Knickerbocker Tanya thickerbocker@shoreline.edu Shoreline Community College Knickerbocker Tanya thickerbocker@shoreline.edu Shoreline Community College Knickerbocker Shoreline.edu Shoreline Community College Knickerbocker@shoreline.edu Shoreline Contral Washington University	Breno	Kerry	kbreno@whitworth.edu	Whitworth University
Critchlow Sue scritchlow@greenriver.edu Green River Community College Crochet Amanda acroche@clark.edu Clark College Das Tapas tdas@tacomacc.edu Tacoma Community College Deodhar Sharaddha shraddha.deodhar@bellevuecollege.edu Bellevue College Duffey Trisha tduffey@whitworth.edu Whitworth University Eastman Brandy beastman@tacomacc.edu Tacoma Community College Engel Randy tawnydog@earthlink.net North Seattle Community College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Gibbons Erin Erin.gibbons@seattlecolleges.edu Seattle Central C C and Bellevue College Gold Melodye mgold@bellevuecollege.edu Bellevue College Grart Karen kgrant@columbiabasin.edu Columbia Basin College Greyer Cameon cgever@olympic.edu Olympic College Hart Jim James.Hart3@pcc.edu Portland C				Portland Community College - Cascade
Crochet Amanda acrochet@clark.edu Clark College Das Tapas tdas@tacomacc.edu Tacoma Community College Deodhar Sharaddha shraddha.deodhar@bellevuecollege.edu Bellevue College Duffey Trisha tduffey@whitworth.edu Whitworth University Eastman Brandy beastman@tacomacc.edu Tacoma Community College Engel Randy tawnydog@earthlink.net North Seattle Community College Fattaleh Nadine nfattaleh@clark.edu Clark College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Gibbons Erin Erin.gibbons@seattlecolleges.edu Bellevue College Gold Melodye mgold@bellevuecollege.edu Bellevue College Grant Karen kgrant@columbiabasin.edu Columbia Basin College Greyer Cameon cgeyer@olympic.edu Olympic College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Hart Jim James.Hart3@pcc.edu Pierce College Henderson (Meg) mhenderson@pierce.ctc.edu Pierce College<	Carriagan	Kathy		Campus
Das Tapas tdas@tacomacc.edu Tacoma Community College Deodhar Sharaddha shraddha.deodhar@bellevuecollege.edu Bellevue College Drak Jacqueline jdrak@bellevuecollege.edu Bellevue College Duffey Trisha tduffey@whitworth.edu Whitworth University Eastman Brandy beastman@tacomacc.edu Tacoma Community College Engel Randy tawnydog@earthlink.net North Seattle Community College Fattaleh Nadine nfattaleh@clark.edu Clark College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Gibbons Erin Erin.gibbons@seattlecolleges.edu Seattle Central C C and Bellevue College Gold Melodye mgold@bellevuecollege.edu Seattle Central C C and Bellevue College Grant Karen kgrant@college.edu Columbia Basin College Greyer Cameon cgeyer@olympic.edu Olympic College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Hart Jim James.Hart3@pcc.edu		Sue	_	Green River Community College
Deodhar Sharaddha shraddha.deodhar@bellevuecollege.edu Bellevue College Drak Jacqueline jdrak@bellevuecollege.edu Bellevue College Duffey Trisha tduffey@whitworth.edu Whitworth University Eastman Brandy beastman@tacomacc.edu Tacoma Community College Engel Randy tawnydog@earthlink.net North Seattle Community College Fattaleh Nadine nfattaleh@clark.edu Clark College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Gibbons Erin Erin.gibbons@seattlecolleges.edu Seattle Central C C and Bellevue College Gold Melodye mgold@bellevuecollege.edu Bellevue College Grant Karen kgrant@columbiabasin.edu Columbia Basin College Greyer Cameon cgeyer@olympic.edu Olympic College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Hart Jim James.Hart3@pcc.edu Pierce College Hendrickson Shane shendrickson@wc.edu Wenatchee Vall	Crochet	Amanda	acrochet@clark.edu	Clark College
Drak Jacqueline jdrak@bellevuecollege.edu Whitworth University Eastman Brandy beastman@tacomacc.edu Tacoma Community College Engel Randy tawnydog@earthlink.net North Seattle Community College Fattaleh Nadine nfattaleh@clark.edu Clark College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Gibbons Erin Erin.gibbons@seattlecolleges.edu Seattle Central C C and Bellevue College Gold Melodye mgold@bellevuecollege.edu Bellevue College Grant Karen kgrant@columbiabasin.edu Columbia Basin College Greyer Cameon cgeyer@olympic.edu Olympic College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Hart Jim James.Hart3@pcc.edu Portland Community College Henderson (Meg) mhenderson@pierce.ctc.edu Pierce College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hess Megan mhess@pierce.ctc.edu Pierce College Hunter Philip phunter@tacomacc.edu Tacoma Community College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Killim Robert rkillin@clark.edu Clark College Kostelecky Tim Tim.kostelecky@johnihaas.com Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda Ikuehner@shoreline.edu Shoreline Community College Kurtz Martha	Das	Tapas	tdas@tacomacc.edu	Tacoma Community College
Duffey Trisha tduffey@whitworth.edu Whitworth University Eastman Brandy beastman@tacomacc.edu Tacoma Community College Engel Randy tawnydog@earthlink.net North Seattle Community College Fattaleh Nadine nfattaleh@clark.edu Clark College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Gibbons Erin Erin.gibbons@seattlecolleges.edu Seattle Central C C and Bellevue College Gold Melodye mgold@bellevuecollege.edu Bellevue College Grant Karen kgrant@columbiabasin.edu Columbia Basin College Greyer Cameon cgeyer@olympic.edu Olympic College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Hart Jim James.Hart3@pcc.edu Portland Community College Henderson (Meg) mhenderson@pierce.ctc.edu Wenatchee Valley College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hunter Philip phunter@tacomacc.edu Tacoma Community College Hunter Philip phunter@tacomacc.edu Tacoma Community College Khakimova Guzel gkhakimo@bellevuecollege.edu Clark College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Killim Robert rkillin@clark.edu Clark College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda Ikuehner@shoreline.edu Shoreline Community College	Deodhar	Sharaddha	shraddha.deodhar@bellevuecollege.edu	Bellevue College
Eastman Brandy beastman@tacomacc.edu Tacoma Community College Engel Randy tawnydog@earthlink.net North Seattle Community College Fattaleh Nadine nfattaleh@clark.edu Clark College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Gibbons Erin Erin.gibbons@seattlecolleges.edu Seattle Central C c and Bellevue College Gold Melodye mgold@bellevuecollege.edu Bellevue College Grant Karen kgrant@columbiabasin.edu Columbia Basin College Greyer Cameon cgever@olympic.edu Olympic College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Hart Jim James.Hart3@pcc.edu Portland Community College Henderson (Meg) mhenderson@pierce.ctc.edu Pierce College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hess Megan mhess@pierce.ctc.edu Pierce College Hunter Philip phunter@tacomacc.edu Tacoma Community College Hunter Philip phunter@tacomacc.edu Tacoma Community College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Knickerbocker Tanya tknickerbocker@yvcc.edu Yakima Valley Community College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda lkuehner@shoreline.edu Shoreline Community College	Drak	Jacqueline	jdrak@bellevuecollege.edu	Bellevue College
Engel Randy tawnydog@earthlink.net North Seattle Community College Fattaleh Nadine nfattaleh@clark.edu Clark College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Gibbons Erin Erin.gibbons@seattlecolleges.edu Seattle Central C C and Bellevue College Gold Melodye mgold@bellevuecollege.edu Bellevue College Grant Karen kgrant@columbiabasin.edu Columbia Basin College Greyer Cameon cgeyer@olympic.edu Olympic College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Hart Jim James.Hart3@pcc.edu Portland Community College Henderson (Meg) mhenderson@pierce.ctc.edu Pierce College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hess Megan mhess@pierce.ctc.edu Pierce College Hunter Philip phunter@tacomacc.edu Tacoma Community College Khakimova Guzel gkhakimo@bellevueco	Duffey	Trisha	tduffey@whitworth.edu	Whitworth University
Fattaleh Nadine nfattaleh@clark.edu Clark College Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Gibbons Erin Erin.gibbons@seattlecolleges.edu Seattle Central C C and Bellevue College Gold Melodye mgold@bellevuecollege.edu Bellevue College Grant Karen kgrant@columbiabasin.edu Columbia Basin College Greyer Cameon cgeyer@olympic.edu Olympic College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Hart Jim James.Hart3@pcc.edu Portland Community College Henderson (Meg) mhenderson@pierce.ctc.edu Pierce College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hess Megan mhess@pierce.ctc.edu Pierce College Hunter Philip phunter@tacomacc.edu Tacoma Community College Jaynes Chris cjaynes@clark.edu Clark College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Killim Robert rkillin@clark.edu Clark College Knickerbocker Tanya tknickerbocker@yvcc.edu Yakima Valley Community College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda lkuehner@shoreline.edu Shoreline Community College Kurtz Martha kurtzm@cwu.edu Central Washington University	Eastman	Brandy	beastman@tacomacc.edu	Tacoma Community College
Ferguson Tom tferguson@tacomacc.edu Tacoma Community College Gibbons Erin Erin.gibbons@seattlecolleges.edu Seattle Central C C and Bellevue College Gold Melodye mgold@bellevuecollege.edu Bellevue College Grant Karen kgrant@columbiabasin.edu Columbia Basin College Greyer Cameon cgeyer@olympic.edu Olympic College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Hart Jim James.Hart3@pcc.edu Portland Community College Henderson (Meg) mhenderson@pierce.ctc.edu Pierce College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hess Megan mhess@pierce.ctc.edu Pierce College Hunter Philip phunter@tacomacc.edu Tacoma Community College Jaynes Chris cjaynes@clark.edu Clark College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Killim Robert rkillin@clark.edu Clark College Knickerbocker Tanya tknickerbocker@yvcc.edu Yakima Valley Community College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda Ikuehner@shoreline.edu Shoreline Community College Kurtz Martha kurtzm@cwu.edu Central Washington University	Engel	Randy	tawnydog@earthlink.net	North Seattle Community College
Gibbons Erin Erin.gibbons@seattlecolleges.edu Seattle Central C C and Bellevue College Gold Melodye mgold@bellevuecollege.edu Bellevue College Grant Karen kgrant@columbiabasin.edu Columbia Basin College Greyer Cameon cgeyer@olympic.edu Olympic College Gulliford Katie kgulliford@taccomacc.edu Tacoma Community College Hart Jim James.Hart3@pcc.edu Portland Community College Margaret Henderson (Meg) mhenderson@pierce.ctc.edu Pierce College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hunter Philip phunter@tacomacc.edu Pierce College Hunter Philip phunter@tacomacc.edu Tacoma Community College Jaynes Chris cjaynes@clark.edu Clark College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Killim Robert rkillin@clark.edu Clark College Knickerbocker Tanya tknickerbocker@yvcc.edu Yakima Valley Community College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda Ikuehner@shoreline.edu Shoreline Community College Kurtz Martha kurtzm@cwu.edu Central Washington University	Fattaleh	Nadine	nfattaleh@clark.edu	Clark College
Gold Melodye mgold@bellevuecollege.edu Bellevue College Grant Karen kgrant@columbiabasin.edu Columbia Basin College Greyer Cameon cgeyer@olympic.edu Olympic College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Hart Jim James.Hart3@pcc.edu Portland Community College Henderson (Meg) mhenderson@pierce.ctc.edu Pierce College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hess Megan mhess@pierce.ctc.edu Pierce College Hunter Philip phunter@tacomacc.edu Tacoma Community College Jaynes Chris cjaynes@clark.edu Clark College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Killim Robert rkillin@clark.edu Clark College Knickerbocker Tanya tknickerbocker@yvcc.edu Yakima Valley Community College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda lkuehner@shoreline.edu Shoreline Community College Kurtz Martha	Ferguson	Tom	tferguson@tacomacc.edu	Tacoma Community College
Grant Karen kgrant@columbiabasin.edu Columbia Basin College Greyer Cameon cgeyer@olympic.edu Olympic College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Hart Jim James.Hart3@pcc.edu Portland Community College Margaret Henderson (Meg) mhenderson@pierce.ctc.edu Pierce College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hess Megan mhess@pierce.ctc.edu Pierce College Hunter Philip phunter@tacomacc.edu Tacoma Community College Jaynes Chris cjaynes@clark.edu Clark College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Killim Robert rkillin@clark.edu Clark College Knickerbocker Tanya tknickerbocker@yvcc.edu Yakima Valley Community College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda lkuehner@shoreline.edu Shoreline Community College Kurtz Martha	Gibbons	Erin	Erin.gibbons@seattlecolleges.edu	Seattle Central C C and Bellevue College
Greyer Cameon cgeyer@olympic.edu Olympic College Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Hart Jim James.Hart3@pcc.edu Portland Community College Margaret Henderson (Meg) mhenderson@pierce.ctc.edu Pierce College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hess Megan mhess@pierce.ctc.edu Pierce College Hunter Philip phunter@tacomacc.edu Tacoma Community College Jaynes Chris cjaynes@clark.edu Clark College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Killim Robert rkillin@clark.edu Clark College Knickerbocker Tanya tknickerbocker@yvcc.edu Yakima Valley Community College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda Ikuehner@shoreline.edu Shoreline Community College Kurtz Martha	Gold	Melodye	mgold@bellevuecollege.edu	Bellevue College
Gulliford Katie kgulliford@tacomacc.edu Tacoma Community College Hart Jim James.Hart3@pcc.edu Portland Community College Margaret Henderson (Meg) mhenderson@pierce.ctc.edu Pierce College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hess Megan mhess@pierce.ctc.edu Pierce College Hunter Philip phunter@tacomacc.edu Tacoma Community College Jaynes Chris cjaynes@clark.edu Clark College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Killim Robert rkillin@clark.edu Clark College Knickerbocker Tanya tknickerbocker@yvcc.edu Yakima Valley Community College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda Ikuehner@shoreline.edu Shoreline Community College Kurtz Martha kurtzm@cwu.edu Central Washington University	Grant	Karen	kgrant@columbiabasin.edu	Columbia Basin College
Hart Jim James.Hart3@pcc.edu Portland Community College Margaret Henderson (Meg) mhenderson@pierce.ctc.edu Pierce College Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hess Megan mhess@pierce.ctc.edu Pierce College Hunter Philip phunter@tacomacc.edu Tacoma Community College Jaynes Chris cjaynes@clark.edu Clark College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Killim Robert rkillin@clark.edu Clark College Knickerbocker Tanya tknickerbocker@yvcc.edu Yakima Valley Community College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda lkuehner@shoreline.edu Shoreline Community College Kurtz Martha kurtzm@cwu.edu Central Washington University	Greyer	Cameon	cgeyer@olympic.edu	Olympic College
Henderson(Meg)mhenderson@pierce.ctc.eduPierce CollegeHendricksonShaneshendrickson@wvc.eduWenatchee Valley CollegeHessMeganmhess@pierce.ctc.eduPierce CollegeHunterPhilipphunter@tacomacc.eduTacoma Community CollegeJaynesChriscjaynes@clark.eduClark CollegeKhakimovaGuzelgkhakimo@bellevuecollege.eduBellevue CollegeKillimRobertrkillin@clark.eduClark CollegeKnickerbockerTanyatknickerbocker@yvcc.eduYakima Valley Community CollegeKosteleckyTimTim.kostelecky@johnihaas.comFriday Night SpeakerKrizGeorge S.George.Kriz@wwu.eduWestern Washington UniversityKuehnertLindaIkuehner@shoreline.eduShoreline Community CollegeKurtzMarthakurtzm@cwu.eduCentral Washington University	Gulliford	Katie	kgulliford@tacomacc.edu	Tacoma Community College
Henderson(Meg)mhenderson@pierce.ctc.eduPierce CollegeHendricksonShaneshendrickson@wvc.eduWenatchee Valley CollegeHessMeganmhess@pierce.ctc.eduPierce CollegeHunterPhilipphunter@tacomacc.eduTacoma Community CollegeJaynesChriscjaynes@clark.eduClark CollegeKhakimovaGuzelgkhakimo@bellevuecollege.eduBellevue CollegeKillimRobertrkillin@clark.eduClark CollegeKnickerbockerTanyatknickerbocker@yvcc.eduYakima Valley Community CollegeKosteleckyTimTim.kostelecky@johnihaas.comFriday Night SpeakerKrizGeorge S.George.Kriz@wwu.eduWestern Washington UniversityKuehnertLindaIkuehner@shoreline.eduShoreline Community CollegeKurtzMarthakurtzm@cwu.eduCentral Washington University	Hart	Jim	James.Hart3@pcc.edu	Portland Community College
Hendrickson Shane shendrickson@wvc.edu Wenatchee Valley College Hess Megan mhess@pierce.ctc.edu Pierce College Hunter Philip phunter@tacomacc.edu Tacoma Community College Jaynes Chris cjaynes@clark.edu Clark College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Killim Robert rkillin@clark.edu Clark College Knickerbocker Tanya tknickerbocker@yvcc.edu Yakima Valley Community College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda lkuehner@shoreline.edu Shoreline Community College Kurtz Martha kurtzm@cwu.edu Central Washington University		_		
Hess Megan mhess@pierce.ctc.edu Pierce College Hunter Philip phunter@tacomacc.edu Tacoma Community College Jaynes Chris cjaynes@clark.edu Clark College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Killim Robert rkillin@clark.edu Clark College Knickerbocker Tanya tknickerbocker@yvcc.edu Yakima Valley Community College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda lkuehner@shoreline.edu Shoreline Community College Kurtz Martha kurtzm@cwu.edu Central Washington University		_		· ·
Hunter Philip phunter@tacomacc.edu Tacoma Community College Jaynes Chris cjaynes@clark.edu Clark College Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Killim Robert rkillin@clark.edu Clark College Knickerbocker Tanya tknickerbocker@yvcc.edu Yakima Valley Community College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda lkuehner@shoreline.edu Shoreline Community College Kurtz Martha kurtzm@cwu.edu Central Washington University	Hendrickson			
JaynesChriscjaynes@clark.eduClark CollegeKhakimovaGuzelgkhakimo@bellevuecollege.eduBellevue CollegeKillimRobertrkillin@clark.eduClark CollegeKnickerbockerTanyatknickerbocker@yvcc.eduYakima Valley Community CollegeKosteleckyTimTim.kostelecky@johnihaas.comFriday Night SpeakerKrizGeorge S.George.Kriz@wwu.eduWestern Washington UniversityKuehnertLindaIkuehner@shoreline.eduShoreline Community CollegeKurtzMarthakurtzm@cwu.eduCentral Washington University	Hess	_		<u> </u>
Khakimova Guzel gkhakimo@bellevuecollege.edu Bellevue College Killim Robert rkillin@clark.edu Clark College Knickerbocker Tanya tknickerbocker@yvcc.edu Yakima Valley Community College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda lkuehner@shoreline.edu Shoreline Community College Kurtz Martha kurtzm@cwu.edu Central Washington University	Hunter	Philip	•	
Killim Robert rkillin@clark.edu Clark College Knickerbocker Tanya tknickerbocker@yvcc.edu Yakima Valley Community College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda lkuehner@shoreline.edu Shoreline Community College Kurtz Martha kurtzm@cwu.edu Central Washington University	Jaynes	Chris		Clark College
Knickerbocker Tanya tknickerbocker@yvcc.edu Yakima Valley Community College Kostelecky Tim Tim.kostelecky@johnihaas.com Friday Night Speaker Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda lkuehner@shoreline.edu Shoreline Community College Kurtz Martha kurtzm@cwu.edu Central Washington University				Bellevue College
Kostelecky Tim <u>Tim.kostelecky@johnihaas.com</u> Friday Night Speaker Kriz George S. <u>George.Kriz@wwu.edu</u> Western Washington University Kuehnert Linda <u>Ikuehner@shoreline.edu</u> Shoreline Community College Kurtz Martha <u>kurtzm@cwu.edu</u> Central Washington University	Killim	Robert	rkillin@clark.edu	Clark College
Kriz George S. George.Kriz@wwu.edu Western Washington University Kuehnert Linda <u>lkuehner@shoreline.edu</u> Shoreline Community College Kurtz Martha <u>kurtzm@cwu.edu</u> Central Washington University	Knickerbocker	Tanya	tknickerbocker@yvcc.edu	Yakima Valley Community College
KuehnertLinda <u>Ikuehner@shoreline.edu</u> Shoreline Community CollegeKurtzMartha <u>kurtzm@cwu.edu</u> Central Washington University	Kostelecky	Tim	Tim.kostelecky@johnihaas.com	Friday Night Speaker
Kurtz Martha kurtzm@cwu.edu Central Washington University	Kriz	George S.	George.Kriz@wwu.edu	Western Washington University
	Kuehnert	Linda	lkuehner@shoreline.edu	Shoreline Community College
Logan Richard <u>rlogan@wvc.edu</u> Wenatchee Valley College	Kurtz	Martha	kurtzm@cwu.edu	Central Washington University
	Logan	Richard	rlogan@wvc.edu	Wenatchee Valley College

Lundquist	Wendy	wlundquist@greenriver.edu	Green River Community College
Mazhari	Sam	smazhari@yvcc.edu	Yakima Valley Community College
Mlodnosky	Karyn	kmlodnosky@cascadia.edu	Cascadia Community College
Mueller	Jay	jmueller@greenriver.edu	Green River Community College
Nguyen	Marie	mnguyen@highline.edu	Highline Community College
Olsen - Tiglao	Katy	kolsen@pierce.ctc.edu	Pierce College
Owens	Jeff	jeff.owens@edcc.edu	Edmonds Community College
Owens	Kalyn	kalyn.owens@seattlecolleges.edu	North Seattle Community College
Pace	Lee	lee.pace@edcc.edu	Edmonds Community College
Patterson	Jim	jpatterson@sccd.ctc.edu	North Seattle Community College
Peterson	John	johnp@bigbend.edu	Big Bend Community College
Phayre	Allison	aphayre@olympic.edu	Olympic College
Picciotto	Ted	ted.picciotto@pcc.edu	Portland Community College
Price	Heather	hprice@highline.edu	Highline Community College
Reichgott	David	dreichgott@cascadia.edu	Cascadia Community College
Rivard	James	jrivard@yvcc.edu	Yakima Valley Community College
Rivera	Dion	riverad@cwu.edu	Central Washington University
Kennedy	Darcy	dkennedy@clark.edu	Clark College
Sandhu	Perminder	perminder.sandhu@bellevuecollege.edu	Bellevue College
Schmitt	Bob	rschmitt@tacomacc.edu	Tacoma Community College
Singh	Sumita	ssingh@everettcc.ecu	Everett Community College
Smits	Jacqueline	Jacqueline.smits@bellevuecollege.edu	Bellevue College
Stevens	Karen	kstevens@whitworth.edu	Whitworth University
Stier	William	williamstier@bellevuecollege.edu	Bellevue College
Sunderman	Rebecca	sundermr@evergreen.edu	The Everegreen State College
Symon	David	david.symon@email.edcc.edu	Edmonds Community College
			Retired Clark College, Adjunct Walla
Terjeson	Robin	robinterjeson@yahoo.com	Walla CC
Thomas	Carin	carin.thomas@cwu.edu	Central Washington University
Thompson	John	thompsonj@lanecc.edu	Lane Community College
Trejo	Ruth	rtrejo@clark.edu	Clark College
VanSeggen	Dawn	dvanseggen@clark.edu	Clark College
Waldow	Dean	waldow@chem.plu.edu	Pacific Lutheran University
Weintraub	Ben	bweintraub@pencol.edu	Peninsula College
Westphal	Stephanie	sendsley@sccd.ctc.edu	South Seattle Community College
Whitfield	Mary	mary.whitfield@edcc.edu	Edmonds Community College
Wienkers	Larry		Keynote
Yahiaoui	Amar	ayahiaou@shoreline.edu	Shoreline Community College
Young	Tiffani	tyoung@clark.edu	Clark College
Young	Doug	youngd@lanecc.edu	Lane Community College

2012 WCCTA Participants By Institution

Last Name	First name	e-mail	School
Berg	Carole	cberg@bellevuecollege.edu	Bellevue College
Khakimova	Guzel	gkhakimo@bellevuecollege.edu	Bellevue College
Deodhar	Sharaddha	shraddha.deodhar@bellevuecollege.edu	Bellevue College
Smits	Jacqueline	Jacqueline.smits@bellevuecollege.edu	Bellevue College
Drak	Jacqueline	jdrak@bellevuecollege.edu	Bellevue College
Sandhu	Perminder	perminder.sandhu@bellevuecollege.edu	Bellevue College
Stier	William	williamstier@bellevuecollege.edu	Bellevue College
Gold	Melodye	mgold@bellevuecollege.edu	Bellevue College
Peterson	John	johnp@bigbend.edu	Big Bend Community College
Reichgott	David	dreichgott@cascadia.edu	Cascadia Community College
Mlodnosky	Karyn	kmlodnosky@cascadia.edu	Cascadia Community College
Rivera	Dion	riverad@cwu.edu	Central Washington University
Kurtz	Martha	kurtzm@cwu.edu	Central Washington University
Thomas	Carin	carin.thomas@cwu.edu	Central Washington University
Crochet	Amanda	acrochet@clark.edu	Clark College
Trejo	Ruth	rtrejo@clark.edu	Clark College
Fattaleh	Nadine	nfattaleh@clark.edu	Clark College
Jaynes	Chris	cjaynes@clark.edu	Clark College
Killim	Robert	rkillin@clark.edu	Clark College
Young	Tiffani	tyoung@clark.edu	Clark College
VanSeggen	Dawn	dvanseggen@clark.edu	Clark College
Kennedy	Darcy	dkennedy@clark.edu	Clark College
Grant	Karen	kgrant@columbiabasin.edu	Columbia Basin College
Owens	Jeff	jeff.owens@edcc.edu	Edmonds Community College
Symon	David	david.symon@email.edcc.edu	Edmonds Community College
Pace	Lee	lee.pace@edcc.edu	Edmonds Community College
Whitfield	Mary	mary.whitfield@edcc.edu	Edmonds Community College
Boeckl	Maxi	maximiliane.boeckl@email.edcc.edu	Edmonds Community College
Singh	Sumita	ssingh@everettcc.ecu	Everett Community College
Brackett	Anne	abrackett@everettcc.edu	Everett Community College
Kostelecky	Tim	Tim.kostelecky@johnihaas.com	Friday Night Speaker
Lundquist	Wendy	wlundquist@greenriver.edu	Green River Community College
Critchlow	Sue	scritchlow@greenriver.edu	Green River Community College
Mueller	Jay	jmueller@greenriver.edu	Green River Community College
Nguyen	Marie	mnguyen@highline.edu	Highline Community College
Price	Heather	hprice@highline.edu	Highline Community College
Wienkers	Larry		Keynote
Thompson	John	thompsonj@lanecc.edu	Lane Community College

Young	Doug	youngd@lanecc.edu	Lane Community College
Engel	Randy	tawnydog@earthlink.net	North Seattle Community College
Owens	Kalyn	kalyn.owens@seattlecolleges.edu	North Seattle Community College
Patterson	Jim	jpatterson@sccd.ctc.edu	North Seattle Community College
Baldwin	Katy	kbaldwin@olympic.edu	Olympic College
Baldwin	Ted	tbaldwin@olympic.edu	Olympic College
Phayre	Allison	aphayre@olympic.edu	Olympic College
Greyer	Cameon	cgeyer@olympic.edu	Olympic College
Waldow	Dean	waldow@chem.plu.edu	Pacific Lutheran University
Weintraub	Ben	bweintraub@pencol.edu	Peninsula College
Olsen - Tiglao	Katy	kolsen@pierce.ctc.edu	Pierce College
Hess	Megan	mhess@pierce.ctc.edu	Pierce College
	Margaret		<u> </u>
Henderson	(Meg)	mhenderson@pierce.ctc.edu	Pierce College
Picciotto	Ted	ted.picciotto@pcc.edu	Portland Community College
Hart	Jim	James.Hart3@pcc.edu	Portland Community College
Carriagan	Vathy	kcarriga@pcc.edu	Portland Community College - Cascade
Carriagan	Kathy	kearriga@pec.edu	Campus Retired Clark College, Adjunct Walla Walla
Terjeson	Robin	robinterjeson@yahoo.com	CC
Gibbons	Erin	Erin.gibbons@seattlecolleges.edu	Seattle Central C C and Bellevue College
Kuehnert	Linda	lkuehner@shoreline.edu	Shoreline Community College
Yahiaoui	Amar	ayahiaou@shoreline.edu	Shoreline Community College
Westphal	Stephanie	sendsley@sccd.ctc.edu	South Seattle Community College
Ashcraft	Jake	jacob.ashcraft@seattlecolleges.edu	South Seattle Community College
Eastman	Brandy	beastman@tacomacc.edu	Tacoma Community College
Gulliford	Katie	kgulliford@tacomacc.edu	Tacoma Community College
Hunter	Philip	phunter@tacomacc.edu	Tacoma Community College
Schmitt	Bob	rschmitt@tacomacc.edu	Tacoma Community College
Das	Tapas	tdas@tacomacc.edu	Tacoma Community College
Ferguson	Tom	tferguson@tacomacc.edu	Tacoma Community College
Bopegedera	Dharshi	bopegedd@evergreen.edu	The Everegreen State College
Sunderman	Rebecca	sundermr@evergreen.edu	The Everegreen State College
Logan	Richard	rlogan@wvc.edu	Wenatchee Valley College
Hendrickson	Shane	shendrickson@wvc.edu	Wenatchee Valley College
Kriz	George S.	George.Kriz@wwu.edu	Western Washington University
Stevens	Karen	kstevens@whitworth.edu	Whitworth University
Breno	Kerry	kbreno@whitworth.edu	Whitworth University
Duffey	Trisha	tduffey@whitworth.edu	Whitworth University
Knickerbocker	Tanya	tknickerbocker@yvcc.edu	Yakima Valley Community College
Ashworth	Kathy	kashworth@yvcc.edu	Yakima Valley Community College
Mazhari	Sam	smazhari@yvcc.edu	Yakima Valley Community College
Rivard	James	jrivard@yvcc.edu	Yakima Valley Community College
			

Acknowledgements

A big THANK YOU to

all of our vendors

for their continued support of our conference

Linda Kuehnert

for all her hard work in handling the registrations

and YOU

for your attendance at WCCTA 2012

Check out our website: www.wccta.org

Please register or update your WCCTA information at: http://www.wccta.org/user/register