

## CBE Undergraduate InfoBlast Emails - Series 7

Sarah E. Dominguez

Tue 4/24/2018 7:35 AM

To:CHE\_Undergrad-L@list.unm.edu <CHE\_Undergrad-L@list.unm.edu>; CHE\_PREMAJOR-L@list.unm.edu <CHE\_PREMAJOR-L@list.unm.edu>;

6 attachments (1 MB)

Anger Management.pdf; Student Conference Award Program (S-CAP).pdf; Engineering Expo.pdf; Desalination and its Discontents- 15 Years of Ecomodern Desalination in Israel.pdf; Trinity Consultants - Job Opportunity.pdf; Mock Final Exams.pdf;

**Please see the following website to view a previous InfoBlast Email Series:**

<https://cbe.unm.edu/students/undergraduate/infoblast-email-archive.html>

### **JOBS:**

#### **Associate Consultant, Department of Environmental Consulting, Trinity Consultants**

Summary: Using fundamental technical skills, analytical abilities, and up-to-date regulatory knowledge, provide complete customer oriented, air quality permitting, modeling, and compliance solutions, to assist clients in areas of permitting and regulatory compliance.

See attached job description for more details.

For more information, please contact: Adam Erenstein, Manager of Consulting Services at 505-266-6611 or [aerenstein@trinityconsultants.com](mailto:aerenstein@trinityconsultants.com)

### **EVENTS:**

#### **Mock Final Exams**

Saturday, April 28th - Check in at 9:00 AM - Dane Smith Hall Atrium

What is Mock Finals? - Take a 'Mock' Final - a practice test / previous final to get a feel for length and content, Get help from tutors - Need help understanding a problem or want to practice some others? Work with our tutors!, Leave with an answer key - including the 'steps' to get that answer!

Tests Offered? - Biology 201, 202, Chemistry 121, 122, Math 121, 123, 150, 153, 180, Physics 151, 152, 160, Statistics 145

Sign up here: <http://cep.unm.edu/events/mock-finals.html>

#### **Engineering Expo IV**

Friday, May 4, 2018 - 2 PM-5PM - Centennial Engineering Stamm Commons

Join us for lunch before the Expo - 11:30 AM - 1:00 PM - Centennial Engineering Center Courtyard

Engineering Expo is an annual event that showcases our outstanding senior student capstone projects to our corporate partners and other students and faculty. Meet some of our brightest students who are poised to make an impact in the world of engineering.

Questions? - Contact Dr. Jamie Gomez, jrgomez@unm.edu

## WORKSHOPS:

### Anger Management

Wednesday, April 25th - 3:30 PM - SHAC, Rm 234

We all get angry sometimes, whether it's over something trivial or something important. But if you find yourself losing your temper often, you may need to take steps to control your anger. Learn how to recognize your triggers, detach yourself from anger, and practice being patient. Each student receives a certificate of attendance at the end of the workshop. What You'll Learn: Connect with your emotions to understand your anger, Identify situations that trigger an angry response, Analyze a situation so you know when to let it go, Coping techniques and problem-solving strategies.

For more info, email: student counseling @unm.edu

## SCHOLARHIPS/AWARDS:

### Student Conference Award Program (S-CAP)

UNM Career Services - <http://career.unm.edu/students--alumni/student-conference-award-program.html>

Application Deadlines: Summer 2018 (Jun 4, 2018 to Aug 19, 2018) – Begin accepting applications – May 4, 2018 (not accepted after Aug 1, 2018)

The Student Conference Award Program (S-CAP) is a travel grant designed to provide undergraduate and graduate students the opportunity to obtain funding to attend an academic or professional conference in their field of study. The maximum award is \$600.00 and may include: travel, lodging, airport shuttle or taxi fees, and conference registration fees.

## SPEAKERS/PANEL DISCUSSION:

### Desalination and its Discontents: 15 Years of Ecomodern Desalination in Israel

Dept of Geography & Environmental Studies - Spring 2018 Colloquium Series

Marissa Isaak Wald, Dept of Geography, CNM

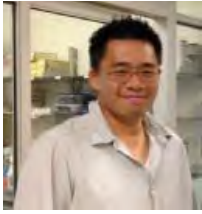
Friday, April 27th - 3-4 PM - 105 Bandelier East Hall

In the last 15 years, Israel has built the largest seawater reverse osmosis desalination plants in the world and in doing so claims to have insulated itself from periodic drought that has plagued the country. In addition, Israel has situated its desalination revolution in the context of a larger ecomodernist approach to its water sector that portends a future committed to high technology solutions, private investment, efficiency over "ideology," and win-win solutions. Using insights from Science and Technology Studies, Political Ecology, and Political Geography, Marissa will share the story of Israel's water triumph and question whether it lives up to its accolades. Marissa investigates Israel's claims of desalination's sustainability and offers some lessons for the rest of the arid world.

### CBE Seminar Speaker Series

<https://cbe.unm.edu/events/index.html>

May 2, 2018 - 4 PM - Centennial Engineering Center Auditorium (1041)



Stanley Chou  
Senior Member of Technical Staff  
Sandia National Laboratories

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**Sarah E. Domínguez**

Program Advisement Coordinator  
Chemical & Biological Engineering - Graduate, BSCHE, Pre-Chemical Engineering Students  
Nuclear Engineering - Pre-Nuclear Engineering Students  
University of New Mexico - MSC01 1120  
Farris Engineering Center (FEC), Suite 1300  
505-277-5606  
505-277-5433 (fax)  
[skieltyk@unm.edu](mailto:skieltyk@unm.edu)



**OUT OF THE OFFICE: April 27, April 30, May 10**

**UNM CLOSED: May 28, July 4, Sept. 3, Nov. 22-23, Dec. 21-Jan. 1**

Department: Environmental Consulting

Reports To: Senior Consultant, Managing Consultant or Principal Consultant

FLSA Status: This position is exempt from overtime

### **SUMMARY**

Using fundamental technical skills, analytical abilities, and up-to-date regulatory knowledge, provide complete customer oriented, air quality permitting, modeling, and compliance solutions, to assist clients in areas of permitting and regulatory compliance.

### **ESSENTIAL DUTIES AND RESPONSIBILITIES**

1. Technical Responsibilities:
  - Conduct air dispersion modeling analysis in accordance with project requirements and/or published guidelines.
  - Calculate air emissions, determine required control technologies, and document process information to ensure client operations, and work practices are in accordance with all applicable regulations.
  - Remain current regarding the latest developments in air pollution control technologies.
2. Regulatory Knowledge:
  - Assemble permit applications, permit amendment applications, standard exemptions, source inventories, and emission fee calculations for submittal to state regulatory agencies for industrial clients.
  - Understand existing regulations and continually review new and proposed regulations as they relate to industrial clients.
3. Maintain relationships with existing clients solicit new project work as appropriate; communicate results of analyses internally and externally in verbal and written form.
4. Assist new project engineers with projects and participate in internal training.
5. Update client information in internal database in a timely manner.

*(The specific statements shown in each section of this description are not intended to be all-inclusive. They represent typical elements and criteria necessary to successfully perform the job.)*

### **SUPERVISORY RESPONSIBILITIES**

This job has no supervisory responsibilities.

### **QUALIFICATIONS**

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

### **EDUCATION and/or EXPERIENCE**

Bachelor's degree (B. S.) in Chemical, Mechanical, Environmental/Civil Engineering, and/or related Atmospheric/Environmental Science from four-year college or university or foreign equivalent; and at least two to four years related experience and/or training; or equivalent combination of

education and experience.

Must have computer literacy, including basic programming, word processing, spreadsheet skills, and knowledge of Microsoft Office software package.

### **LANGUAGE SKILLS**

Ability to read, analyze, and interpret general business periodicals, professional journals, technical procedures, or governmental regulations. Ability to write reports, business correspondence, and procedure manuals. Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public.

### **MATHEMATICAL SKILLS**

Ability to calculate figures and amounts such as discounts, interest, commissions, proportions, percentages, area, circumference, and volume. Ability to apply concepts of basic algebra and geometry.

### **REASONING ABILITY**

Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.

### **PHYSICAL DEMANDS**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to sit; use their hands; and talk or hear. The employee is occasionally required to stand, walk, and reach with hands and arms. The employee must occasionally lift and/or move up to 10 pounds.

### **WORK ENVIRONMENT**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is occasionally exposed to moving mechanical parts; high, precarious places; fumes or airborne particles; and toxic or caustic chemicals. The noise level in the work environment is usually moderate.

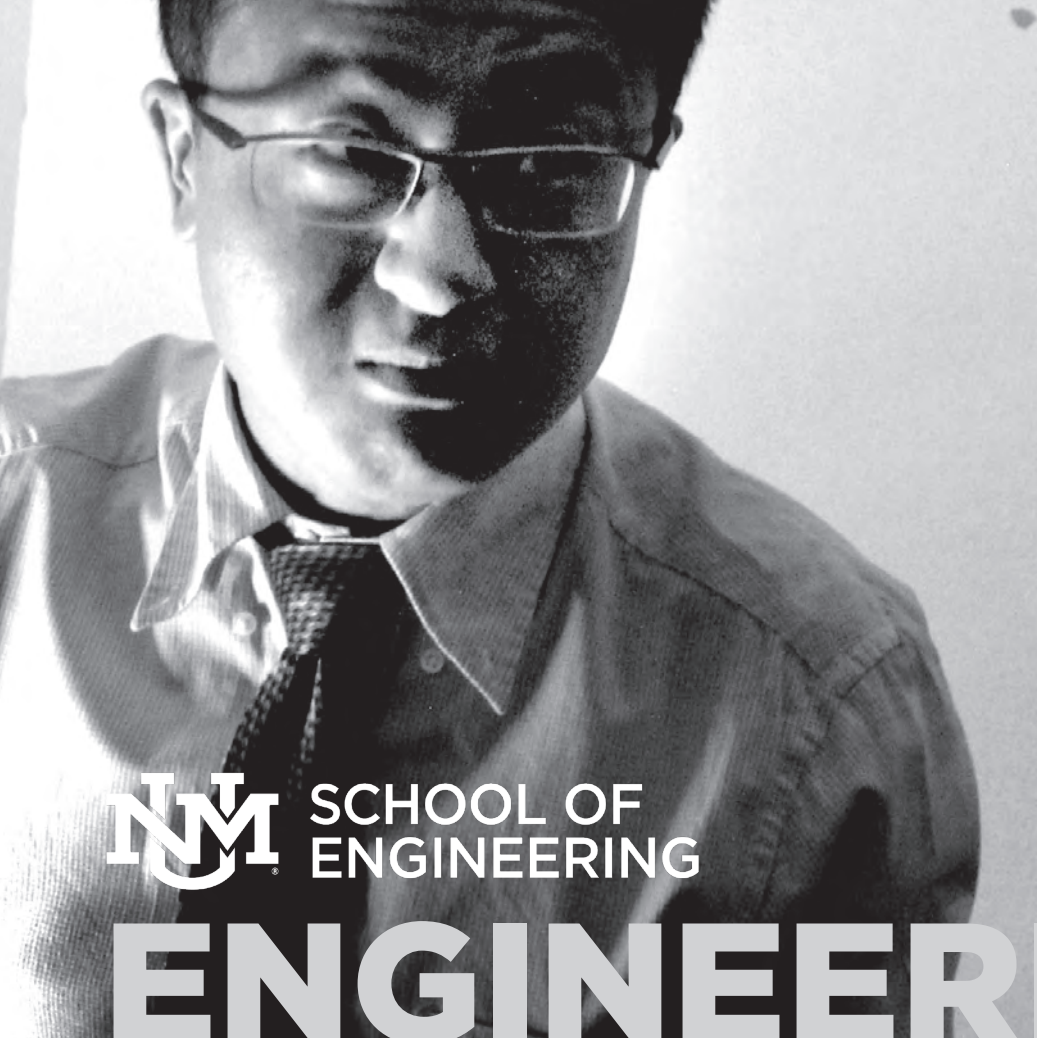
Let us help you **PREPARE**  
for your finals!



**Mock  
Finals**

APRIL 28, 2018  
9 AM - 12:30 PM  
DANE SMITH HALL





**JOIN  
US FOR  
LUNCH**

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**BEFORE THE EXPO**

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**11:30 AM-1 PM**

CENTENNIAL ENGINEERING CENTER  
COURTYARD

**UNM** SCHOOL OF  
ENGINEERING

# ENGINEERING EXPO IV

**ELEVATOR PITCH CONTEST • POSTER COMPETITION • NETWORKING OPPORTUNITIES**

**FRIDAY, MAY 4, 2018  
2-5 PM**

CENTENNIAL ENGINEERING CENTER  
STAMM COMMONS

ENGINEERING EXPO IS AN ANNUAL EVENT THAT SHOWCASES OUR OUTSTANDING SENIOR STUDENT CAPSTONE PROJECTS TO OUR CORPORATE PARTNERS AND OTHER STUDENTS AND FACULTY. MEET SOME OF OUR BRIGHTEST STUDENTS WHO ARE POISED TO MAKE AN IMPACT IN THE WORLD OF ENGINEERING.

**QUESTIONS?**

**CONTACT JAMIE GOMEZ  
DEPARTMENT OF CHEMICAL  
AND BIOLOGICAL ENGINEERING  
JRGOMEZ@UNM.EDU**

**FREE PARKING AVAILABLE IN THE P LOT ON THE NORTHWEST CORNER OF CENTRAL AND UNIVERSITY**

# Anger Management

*A Spring 2018 Student Workshop*

We all get angry sometimes, whether it's over something trivial or something important. But if you find yourself losing your temper often, you may need to take steps to control your anger. Learn how to recognize your triggers, detach yourself from your anger, and practice being patient. Each student receives a certificate of attendance at the end of the workshop.

## **When & Where**

Wednesday, April 25

3:30-5:00 PM

SHAC, Room 234

## **What You'll Learn:**

- Connect with your emotions to understand your anger
- Identify situations that trigger an angry response
- Analyze a situation so you know when to let it go
- Coping techniques and problem-solving strategies

## **NO CHARGE!**

*For More Info, E-Mail: [studentcounseling@unm.edu](mailto:studentcounseling@unm.edu)*



# Student Conference Award Program (S-CAP)



Have you ever wanted to attend a professional or academic conference? Do you have a paper you would like to present at a national meeting? Would you like to expand your networking opportunities? Are the travel expenses too costly? Then, S-CAP program is for you!

The Student Conference Award Program (S-CAP) is a travel grant designed to provide undergraduate and graduate students the opportunity to obtain funding to attend an academic or professional conference in their field of study. The maximum award is \$600.00 and may include: travel, lodging, airport shuttle or taxi fees, and conference registration fees.

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Summer 2018 (Jun 4, 2018 to Aug 19, 2018) – Begin accepting applications – May 4, 2018

- Applications will not be accepted for the summer period after Aug 1, 2018

For additional details: <http://career.unm.edu/students--alumni/student-conference-award-program.html>



**Department of Geography and Environmental Studies  
Spring 2018 Colloquium Series**

**April 27, 2018**

**3:00-4:00 p.m.**

**105 Bandelier East Hall**

**Marissa Isaak Wald**

Department of Geography, Central New Mexico Community College

**Desalination and its  
Discontents:  
15 Years of Ecomodern  
Desalination in Israel**

In the last 15 years, Israel has built the largest seawater reverse osmosis desalination plants in the world and in doing so claims to have insulated itself from periodic drought that has plagued the country. In addition, Israel has situated its desalination revolution in the context of a larger ecomodernist approach to its water sector that portends a future committed to high technology solutions, private investment, efficiency over "ideology," and win-win solutions. Using insights from Science and Technology Studies, Political Ecology, and Political Geography, Marissa will share the story of Israel's water triumph and question whether it lives up to its accolades. Marissa investigates Israel's claims of desalination's sustainability and offers some lessons for the rest of the arid world.



**DEPARTMENT OF  
GEOGRAPHY &  
ENVIRONMENTAL STUDIES**