



<http://www.csuci.edu/ira/index.htm>

**Application**  
**Instructionally Related Activities Funds Request**  
**2008-2009 Academic Year**  
**DEADLINE: Fall and Academic Year 3/14/08**  
**Spring 10/15/08**

Applications must first be sent to the appropriate program chair. Chairs will then recommend and route them to the Dean's Office for review and authorization. The Dean's Office will then forward them to the IRA Committee for consideration.

**Activity Title: Fall 2008 Science Symposium: Early Life on the Ancient Earth...and Mars?**

Project Sponsor/Staff (Name/Phone):  
Biology Program: Dr. Ching-Hua Wang (437-8870)  
Geology: Dr. Christopher Wheeler (437-2799)

Activity/Event Date(s): Fall 2008

Date Funding Needed By: 9/30/08

**\*\*Please Note that for Fall Requests the earliest that you will be notified of funding availability will be early June 2008 and for Spring Requests early January 2009.**

**Please check if any of the following apply to your IRA:**

- |   |   |
|---|---|
| <input type="checkbox"/> Equipment Purchase     | <input type="checkbox"/> Field Trip   |
| <input checked="" type="checkbox"/> Event       | <input type="checkbox"/> Participant data collection for public dissemination, i.e. interviews/surveys that result is a journal/poster session/newsletter |
| <input type="checkbox"/> IT Requirements        | <input type="checkbox"/> Risk Management Consultation   |
| <input type="checkbox"/> International Travel   | <input type="checkbox"/> Late Submission (Passed Deadlines: <b>Fall 3/14, Spring 10/15</b> )  |
| <input type="checkbox"/> Space/OPC Requirements |   |
| <input type="checkbox"/> Infrastructure/Remodel |   |
| <input type="checkbox"/> Other _____            |   |

Previously Funded: ☒ YES ☐ NO      Yes, Request # III

Does your proposal require IRB (Institutional Review Board) approval: ☐ Yes ☒ No

Assessment submitted for previously Funded Activity: ☒ YES ☐ NO

Academic Program or Center Name and Budget Code: 720

Date of Submission: March 14, 2008

Amount Requested: \$9,385.00  
(Should match item 2. E. on page 4)

Estimated Number of Students Participating: 100+

CHECK-IN

BIOLOGY / GEOLOGY Symposium Nov. 21<sup>st</sup>, 2008

A → E

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FirstName	LastName	Affiliation	Program
Sabah	Ahmad	None	
Grace	Akuna	None	
Keegan	Bachelor	None	
Sung Min (Mathew)	Bae	None	
Ashley	Barrett	Student	
Matthew	Beare	Student	
Lyman	Beman	None	
Marilyn	Beman	None	
Devon	Billy	None	
Odineil	Blanco	Student	
JASON	BLANTON	Student	
Kate	Borchard	None	
Julie	Bray-Ali	None	
alyssa	bremner	Student	
David	Brown	None	
kelly	burke	Student	
Jennifer	Burks	Student	
Miles	Butcher	None	
Erin	Carrott	Student	
valerie	casillas	Student	
Angela	Chapman	Faculty	Biology
David	Chapman	None	
Jeannie	Chari	None	
YiNung (Lesley)	Chiang	None	
Yu-Ju (Ruby)	Chien	None	
Joyce	Childress	Student	
Minsung	Cho	None	
Minyoung	Cho	None	
Ka-Young	Choi	None	
Constance	Christensen	None	
Renny	Christopher	Staff	
Hyunseo (Dennis)	Chung	None	
Jerry	Clifford	None	
GERALD	CLINE	Student	
John	Connor	None	
william	cordeiro	Faculty	
Katherine	Courtney	None	
ryane	cox	Student	
Alexandra	cruz	None	
Chelsea	Daudette	None	
Melissa	Dawson	Student	
Duncan	Day	None	
Marta	de Jesus	None	

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## CHECK-IN

BIOLOGY / GEOLOGY SYMPOSIUM NOV. 21<sup>ST</sup>, 2008

234

F → K

Christina	Fahim	Student	
Jiying (Faustina)	Fan	None	
Lisbeth	Farias	None	
Darren	Fields	None	
Howard	Fisher	None	
Josefina	Flores	Student	
Ben	Fox	Student	
Talisa	Garcia	None	
Thomas S	Garthwaite	Student	
Beshoy	Gerges	None	
Stephen	Gilbreath	Student	
Shawna	Gillespie	None	
Theresa	Gilmore	None	
Stephanie	Giluso	Student	
Elizabeth	Glinka	Student	
Kenneth	Goldammer	Student	
Sheridan	Haisman	None	
Phil	Hampton	Faculty	Chemistry
Maureen	Harrigan	None	
Kyle	Harris	None	
Kristin	Hefelfinger	Student	
Samantha	Heller	Student	
Ashley	Hernandez	Student	
Vanessa	Herrera	Student	
Taylor	Hickland	Student	
Johnathon	Hill	Student	
Mallory	Holland	Student	
mallory	holland	Student	
Robin	Horne	Staff	
Matt	Hoyle	Student	
Eddie	Ibarra	Student	
Estelle	Ichino	None	
Chris	In	Student	
Elliot	Indiran	None	
Giani	Interiano	None	
Alexandria	Ioannides	Student	
Kichi	Iwamoto	None	
Charmaine	Jacobe	Student	
Aena	Jafar	Student	
Christina	Jiang	None	
Wei(Christina)	Jiang	None	
Tom	Johnson	Student	
Larry	Johnson	None	
Douglas	Jones	None	





## CHECK-IN

BIOLOGY / GEOLOGY SYMPOSIUM NOV. 21<sup>st</sup>, 2008234  
L → P

Steven	Lancaster	None	
Daniel	Larkins	Student	
Jessica	Layman	Student	
Elena	Lazo	Student	
Joe	LeFevre	None	
Ann	Lewin	Student	
Kathleen	Lewis	Student	
Max	Liao	None	
Chae	Lim	None	
Ya-Wun (May)	Lin	None	
You-Chang (Steven)	Lin	None	
Andrea	Lloyd	Student	
Jessi	Loe	Student	
Beckie	Lubow	Student	
Owen	Lubow	Student	
Michael	Mahoney	Staff	
Norma	Maidel	None	
Mark	Maidel	None	
Kristin	Majda	None	
Sean	McAtee	None	
Brett	McCarthy	None	
Whitney	McClellan	Student	
PATRICK	MCLAUGHLIN	Student	
Pat	McLean	Student	
Siddharth	Mehrotra	Student	
Andrew	Meyer	None	
Jeannette	Miller	Student	
Geri-Lyn	Mills	Student	
Alexandra	Mitchell	Student	
Mia	Molvray	None	
Jeong Won (Jinnie)	Moon	None	
Mike	Mozafarian	Student	
Nicholas	Navarro	None	
Lydia	Nguyen	Student	
Natalia	Nowak	Student	
Danielle	Oliveira	None	
Patricia	O'Neil	Student	
John	Ota	Student	
Alex	Pacheco	None	
Patricia	Palau	Student	
Hoon Jin	Park	None	
Jun Hyung	Park	None	
karen	park	Student	
Jessica	Pendley	Student	





CHECK-IN

BIOLOGY / GEOLOGY SYMPOSIUM NOV. 21<sup>st</sup>, 2008

Q → Z

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Hamood	Qazi	Student	
Juan	Quintanilla	Student	
Janet	Rattanapichetkul	Student	
Jeemin	Rhim	None	
Shawn	Richardson	Student	
kerry	richardson	Student	
Levina	Robin	None	
Sherry	Robles	None	
Ryan	Rogers	Student	
Christine	Saito	Student	
irma	salgado	None	
Sarah	Shaddock	Student	
Hannah	Silverman	Student	
Minsup	Sim	None	
Marianne	Slaughter	Student	
Evan	Smith	None	
philip	smith	Student	
Grant	Spencer	None	
Paloma	Spencer	None	
Skyler	Stokes	Student	
Susanna	Sukiasyan	Student	
Elaine	Sweet	Student	
Christina	Thiele	Student	
Elizabeth	Thomas	Student	
Steven	Thomassin	Faculty	Mathematics
Bob	Thornton-Cheveres	None	
Jan	Thornton-Cheveres	None	
Diane	Tovar	None	
Joe	Valdivia	Student	
Chris	Vaughn	None	
Holly	Vaughn	None	
caroline	walsh	Student	
LeAnn	Walters	None	
Andrew	Wilson	Student	
Lisa	Winfrey	Student	
Jon	Woodcock	None	
Sonja	Woolley	Student	
mikaj	yannoulatos	Student	
Katie	Yates	None	
Fangzhou (Amanda)	Ye	None	
Thiha	Zaw	None	

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# LATE REGISTRATION

BIOLOGY / GEOLOGY SYMPOSIUM  
NOV. 21<sup>ST</sup>, 2008

234

Adelaide Simmons

ONTARIO

LACEY

Shannon

Sondersfeld

Linda

Santana

Ernie

Barragan.

Whitney

Cribben

Taney

Bram

Nicole

Padilla

Karke

Ortiz

Christina

Monir

Liliana Sherman

Irene TAxopoulos

Kye Davis

aria Vien

Nichols

Angi Peter

Smith

ry Maher

Sn Maher

Andy Quechenberger

Ryan Tremearne

Brent Bjerke

Negandra Lujan

Pat Nagy

Ken Nagy

Cathie Prebble

Robert Rodriguez

Amara Velator

DANIEL LARKINS

Walter Weiss

~~Walter Weiss~~

Ally Sinclair

Steve Sinclair

Gabrielle Root

Vanessa Verity

Raymond Ornelaz

Gabriela Vargas

Sun, Haxing

Lorna Probst



May 11

Terri Malenke

Nick Hooper

Shadai Moka

Kenia Moreno

Flori Rueeler student

Mark Flors student.

VASON A KIRKENDALL



Nelson Hernandez

Stere Harrison 000408604

Judy Garcia

Lachar Carltt.

Scott Herbold Student

TAYLOR HAMPSON

Russell Connick STUDENT

000149644

Matthew Borberg Student

Charles Sackerson - FAC.

Kelsey Belden - Student

Thomas Chen - Student

Irene Bullock - student

Joshua Dennis - Student

Doug Jones

Ken Nagy - UCLA Professor.

Dora Ciezarek - Student

LIDIA CIEZAREK

F.E. DEBOLLA

NICOLETTE GONZALEZ

MIKE HAMPSON



~~Michael Mahoney~~

Joseph Zed

~~Michael Mahoney~~

Tiffany Prescott

Lisa Trejo

Kareem Ahmad

Rohan Modak

Deborah Gaines

Katie McKendry

Alejandra Zamora

Raquel Magaña.

Application  
Instructionally Related Activities Funds Request  
2008-2009 Academic Year

**Requirements and Signatures**

Please provide the following in your application:

**Brief Activity Description.** Describe the activity and its relationship to the educational objectives of the students' program or major.

The Biology Program and Geology are organizing a symposium for Fall 2008 entitled "Early Life on the Ancient Earth ... and Mars?" Fossils of early microbial life have been known since their discovery in the Gunflint Chert during the 1960s, but the last 25 years has seen a crescendo of advancing knowledge about early life that remains largely unknown outside the scientific community. The advancements are due in part to RNA-based reclassification of life, geochemical and isotope-based reconstructions of the surface environments on Earth during 4-2.0 billion years ago, geologic field work in remote areas where the best evidence of early life is preserved, and the discovery of biological communities around deep-sea hydrothermal vents. These advancements have informed and spurred continued research into the possibility of life on Mars, past or present, including the current Mars rover operations and a new nuclear-powered rover planned for launch in 2009.

The purpose of the symposium is to educate the campus community and the public about ongoing research into the development of early life on the early Earth and its possible past/present? existence on Mars. Symposium talks will explore the primitive microbes likely to have been the earliest life forms on Earth, the environmental conditions on Earth during the first 2.5 billion years of its existence, deep-sea and shallow-marine environments where these organisms developed and may have arisen, and the search for evidence of past conditions that are suitable for these organisms on the surface of Mars. The Biology Program has organized a symposium for each semester since spring 2005. This is an excellent tradition we would like to maintain to promote science, especially interdisciplinary sciences on our campus. Such activities are in complete support of our university mission and help to build a solid reputation of our academic programs in our community as well.

An attachment lists the proposed speakers, their affiliations, and their research interests.

**Relation to IRA to Course Offerings.** All IRAs must be integrally related to the formal instructional offerings of the University and must be associated with scheduled credit courses. Please list all classes that relate to the program proposed. This symposium will be a required or elective component for a number of courses offered in the Biology and Physics programs and Geology, including: Biol 100 (Exploring the Living World), Biol 170 (Foundations of Life Science), Biol 200 (Principles of Organismal and Population Biology), Biol 301 (Microbiology), Biol 335 (The Biosphere), Biol 433 (Ecology and the Environment), Geol 121 (Physical Geology), Geol 122 (Historical Geology), Geol 300 (Foundations of Earth Science), Phys 105 (Introduction to the Solar System), and Phys 107 (The Stars and Beyond). In addition to

the above programs, instructors in Chemistry and other programs may find the topics interesting and relevant, such that they may request their students to attend the symposium.

**Activity Assessment.** Describe the assessment process and measures that the program will use to determine if it has attained its educational goals. **Please note a report will be due at the end of the semester.**

Students attending the seminar series will be given a number of questions on the subject matter of the talks. The questions are to be answered and turned in toward assessment of the knowledge they gained from the seminar.

**Activity Budget.** Please enclose a complete detailed budget of the entire Activity **bold** specific items of requested IRA funding. (Page 4)

The requested funds are necessary to invite the well-known individual speakers that are listed on the attached program page. It is estimated that, on average, approximately \$1550 will be necessary per individual to cover the honorarium and travel expenses. Five individuals will make up the final list of speakers. Additional funds are necessary to advertise the series to the local community, including newspapers, broadcast media, and other PR venues.

**Sources of Activity Support.** Please list the other sources of funding, and additional support for the activity.

Faculty and staff members will arrange the PR aspect for the event and will provide support to organize the event.

**Acknowledgment.** Project Sponsor and Program Chair acknowledge that they have reviewed and accepted the Conditions and Considerations detailed on page 2.

Signatures and Dates

Christopher Wheeler  3/10/08  
Project Sponsor Date

 3/10/08  
Program Chair/Director Date

A. H. Veiga 3/13/08  
Dean

## Proposed Program and Speakers

The origin and evolution of early microbes on the ancient Earth: archaea and bacteria.

**Carl R. Woese, Ph.D.**, is professor of microbiology in the Department of Microbiology at the University of Illinois at Urbana-Champaign. His research interests center on the bacteria and the archaea. It was his lab that reconstructed the phylogeny of both groups using ribosomal RNA, providing a genetically valid system of classification of the prokaryotes and in the course discovering the archaea.

Surface conditions on Earth during 4.0-2.0 Ga (billion years ago).

**Andrew H. Knoll, Ph.D.**, is Fisher Professor of Natural History in the Department of Earth and Planetary Sciences at Harvard University. His broad research interests are the evolution of life, the evolution of Earth surface conditions, and the interrelations between the two. His research focuses particularly on Archean and Proterozoic paleontology and biogeochemistry, including the diversification of prokaryotic metabolisms on the Precambrian Earth and the initial radiation of eukaryotic life. He is actively involved in the current and future Mars rover missions. In 2003, he published the book, Life on a Young Planet: The First Three Billion Years of Evolution on Earth.

Deep-sea hydrothermal vents on Earth, a possible origination site for early life.

**Rachel Haymon, Ph.D.**, is professor of marine geology and geochemistry in the Department of Geological Sciences at the University of California-Santa Barbara. Her research interests are the exploration and characterization of hydrothermal vents along the global mid-oceanic ridge, and center on the interrelationships between hydrothermal, magmatic, tectonic, and biological ridge processes. It was in the 1980s on a submersible dive to the mid-oceanic ridge near the Galapagos Islands that she discovered the biological communities that center on deep-sea hydrothermal vents.

Stromatolite reefs produced by microbial communities during 3.0-1.5 Ga.

**John P. Grotzinger, Ph.D.**, is Fletcher Jones Professor of Geology in the Department of Geological and Planetary Sciences at the California Institute of Technology. His research interests are sedimentology, stratigraphy, geobiology, and ancient surface processes on Earth and Mars. He regards field-based investigations of depositional systems as the starting point for analysis of past processes. As of 2006, he had been author on 103 referred papers, most on Precambrian geology and many on results from the *Spirit* and *Opportunity* Mars rovers. He is continues to be actively involved in the current and future Mars rover missions.

The search for life on Mars.

**David J. Des Marais, Ph.D.**, is the principal investigator of the Ames Research Center team of the NASA Astrobiology Institute, Moffett Field, California. His long-term research interests have been the biogeochemical carbon cycle and the early evolution of Earth and its biosphere. His specializations include the biogeochemistry of microbial communities in hypersaline environments. He is an interdisciplinary scientist for



astrobiology on the Mars rover programs. He also serves on the editorial boards of the two journals, Astrobiology and Geobiology.

Contact: Events and Facilities Liaison (EFL)

One University Dr., Camarillo, CA 93012 Tel.: 805-437-8433 Fax: 805-437-8431

**EVENT INFORMATION**

**PLEASE SUBMIT THIS FORM 30 DAYS PRIOR TO THE DATE OF EVENT**

**Events & Facilities Use Request Form**

Select Internal or External Request

Date Finalized by EFL \_\_\_\_\_

Select New, Modify or Cancel Event

Event # \_\_\_\_\_

Organization or CSUCI Dept: Biology, Geology

Date(s) of Event: Nov. 21, 2008

Billing Address or IRA funded

Title of Event: Early Life on the Ancient Earth...and Mars?

CSUCI charge code: \_\_\_\_\_

Start Time: 12:30 PM

Account Code / Fund / Dept / Program

Finish Time: 4:30 PM

Set Up Time: 11:00 PM

Event Coordinator: Amber Weir

Expected Attendance: 100

Tel: 8548

Email: \_\_\_\_\_

Target Audience (please select): Open to the Public

Fax: \_\_\_\_\_

Cell: \_\_\_\_\_

Brief Description of Event: science symposium with 5 speakers

**FACILITY REQUESTED:**

- |   |   |
|---|---|
| <input type="checkbox"/> Malibu 100                 | <input checked="" type="checkbox"/> Aliso Hall Auditorium |
| <input type="checkbox"/> Grand Salon                | <input type="checkbox"/> Aliso Hall Plaza                 |
| <input type="checkbox"/> Petit Salon                | <input type="checkbox"/> Bell Tower Mall                  |
| <input type="checkbox"/> Salon A                    | <input type="checkbox"/> Bell Tower Fountain C'yard       |
| <input type="checkbox"/> The Hub                    | <input type="checkbox"/> Potrero Field                    |
| <input type="checkbox"/> The Hub Park               | <input type="checkbox"/> Recreation Center                |
| <input type="checkbox"/> South Quad                 |   |
| <input type="checkbox"/> North Quad                 |   |
| <input type="checkbox"/> Library Courtyard          |   |
| <input type="checkbox"/> Classrooms (specify) _____ |   |
| <input type="checkbox"/> Other (specify) _____      |   |

**O.P.C. SERVICES REQUESTED:**

- |  |  |
|--|--|
| <input type="checkbox"/> Audio System                          | <input type="checkbox"/> Tables - Standard 6' (30) # _____                     |
| <input type="checkbox"/> Wireless Mic (2) # _____              | <input checked="" type="checkbox"/> Tables - Almond/Folding 6' (40) # <u>5</u> |
| <input type="checkbox"/> Lapel Mic (2) # _____                 | <input type="checkbox"/> Tables - Round 72" (18 ) # _____                      |
| <input type="checkbox"/> Panel Mics (set of 6)                 | <input type="checkbox"/> Tables-Almond/Round 60" (20) # _____                  |
| <input type="checkbox"/> CD Player                             | <input type="checkbox"/> Tables - Classroom 6' (60) # _____                    |
| <input type="checkbox"/> Stage (10'x8'x2')                     | <input checked="" type="checkbox"/> Chairs - Almond/Folding (300) # <u>5</u>   |
| <input type="checkbox"/> Podium                                | <input type="checkbox"/> Chairs - Green Folding (80 ) # _____                  |
| <input type="checkbox"/> Power Ext Cords # _____               | <input type="checkbox"/> Chairs - Burgundy (250 ) Malibu # _____               |
| <input type="checkbox"/> Power strips # _____                  | <input type="checkbox"/> Chairs - Blue (100 ) Malibu # _____                   |
| <input type="checkbox"/> Trash Cans - Extra # _____            | <input type="checkbox"/> Water pots (4 max) # _____                            |
| <input type="checkbox"/> Recycle Cans # _____                  | <input type="checkbox"/> Projection Screen (3) # _____                         |
| <input type="checkbox"/> Banners/Signage                       |  |
| Placement location _____                                       |  |
| <input type="checkbox"/> Other Services (Please specify) _____ |  |
| <input type="checkbox"/> <b>OPC SERVICES NOT REQUESTED</b>     |  |

**SET-UP LAYOUT REQUESTED:**

- |   |  |
|---|--|
| <input type="checkbox"/> Theater/Auditorium | <input type="checkbox"/> Open Square                                   |
| <input type="checkbox"/> Classroom          | <input type="checkbox"/> U-Shape                                       |
| <input type="checkbox"/> Banquet/Dining     | <input type="checkbox"/> Other (please attach a sketch of your layout) |

**I.T. SERVICES REQUESTED:**

- |   |   |
|---|---|
| <input type="checkbox"/> PC on cart                       | <input type="checkbox"/> Video Projector    |
| <input type="checkbox"/> TV/VCR                           | <input type="checkbox"/> Overhead Projector |
| <input type="checkbox"/> Wireless Internet Services       | <input type="checkbox"/> Print Services     |
| <input type="checkbox"/> Guest Access to Internet         |   |
| <input type="checkbox"/> Other (please specify) _____     |   |
| <input type="checkbox"/> <b>IT SERVICES NOT REQUESTED</b> |   |

**PUBLIC SAFETY:**

- ☐ Additional assistance is requested for this event. (please specify): \_\_\_\_\_

☐ **UNIV. POLICE CONSULTATION IS REQUIRED**

**SPECIAL REQUIREMENTS:**

- ☒ Alcohol will not be served ☐ Alcohol will be served  
\* If alcohol is to be served/supplied, approval by the Chief of Police and the University President is required.

- ☒ Catering/Food Service: \_\_\_\_\_  
\*\* Sodexo has first right of refusal for on-campus catering.

Contact Sodexo: 805-437-8917 to discuss details.  
[sodexo@csuci.edu](mailto:sodexo@csuci.edu)

**TRANSPORTATION & PARKING:**

- ☒ Directional signs must be provided to TPS 48 hrs. prior to event  
Signs provided by: Amber Weir  
Extension: 8548
- ☐ Prkg. attendants requested: \_\_\_\_\_
- Parking for event is designated by TPS: \_\_\_\_\_

**APPROVALS:** for administrative use only

Divisional Vice President (approval of event and charge code) \_\_\_\_\_ Date \_\_\_\_\_

Events & Facilities Liaison (verification of space availability) \_\_\_\_\_ Date \_\_\_\_\_

Chief of Police (event notification & approval for alcohol) \_\_\_\_\_ Date \_\_\_\_\_

Dir. of Transportation & Parking (traffic control & parking) \_\_\_\_\_ Date \_\_\_\_\_

Information Technology (approval if IT services requested) \_\_\_\_\_ Date \_\_\_\_\_

Assoc. Dir. Buildings & Grounds (review setup/equip/layout/items) \_\_\_\_\_ Date \_\_\_\_\_

Assoc. VP for OPC (review completed events and facilities request) \_\_\_\_\_ Date \_\_\_\_\_

\*\*Sodexo Manager (approval for waiver of catering services) \_\_\_\_\_ Date \_\_\_\_\_

\*President (approval for alcohol supply and/or service) \_\_\_\_\_ Date \_\_\_\_\_

Please note: All events must comply with the Americans for Disabilities Act and be accessible to persons with disabilities. The sponsor of the event is responsible for requests for access accommodations and for the cost of disability accommodations. Information available at [www.ada.gov](http://www.ada.gov)

Application  
Instructionally Related Activities Funds Request  
2008-2009 Academic Year

ACTIVITY BUDGET FOR **2008-2009**

1. Operating Expense Budget

A. Supplies	<u>\$500</u>
B. Vendor Printing	<u>\$1000</u>
C. In-State Travel	<u>\$130 (for 2 speakers)</u>
D. Out-of-State Travel	<u>\$2280 (for 3 speakers)</u>
E. Equipment Rental	<u></u>
F. Equipment Purchase	<u></u>
G. Contracts/Independent Contractors	<u></u>
H. Honorarium	<u>\$5000 (\$1000 each for 5 speakers)</u>
I. OPC Chargeback	<u>\$200</u>
J. Copier Chargeback	<u></u>
K. Other (Please Specify)	<u>\$275 (per-diem for 5 speakers)</u>
 TOTAL Expenses	 <u>\$9385</u>

2. Revenue

A. Course Fees	<u></u>
B. Ticket Sales	<u></u>
C. Out of Pocket Student Fees (exclusive of course fees)	<u></u>
D. Additional Sources of funding (Please specify And indicate source)	<u></u>
<b>E. Requested Allocation from IRA</b>	<u>\$9385</u>
 Total Revenue	 <u>\$9385</u>

August 20, 2008

Dr. Fabia U. Battistuzzi  
Center for Evolutionary Functional Genomics  
Arizona Biodesign Institute  
P.O. Box 875001  
Arizona State University  
Tempe, Arizona 85287-5001

Dear Dr. Battistuzzi,

Thank you for agreeing to be a speaker at the California State University-Channel Islands science symposium entitled "Early Life on the Ancient Earth...and Mars?". Word of the symposium topic and its speakers is stirring up great interest here.

Since my last e-mail, the speaker list has finalized as follows:

- Donald Lowe, Ph.D. (Dept. of Geological and Environmental Sciences, Stanford Univ.): surface conditions on Earth from 4.0 to 2.0 billion years ago.
- Fabia U. Battistuzzi, Ph.D. (Arizona Biodesign Institute, Arizona State Univ.-Tempe): origin and evolution of early microbes on the ancient Earth.
- Rachel Haymon, Ph.D. (Dept. of Earth Sciences, Univ. of California-Santa Barbara): deep-sea hydrothermal vents on Earth as a possible origination site for early life.
- Dawn Y. Sumner, Ph.D. (Dept. of Geology, Univ. of California-Davis): stromatolite reefs produced by microbial communities 3.0 to 1.5 billion years ago.
- John P. Grotzinger, Ph.D. (Dept. of Geological and Planetary Sciences, California Institute of Technology): the search for life on Mars.

All of the above speakers have accepted invitations to attend.

The symposium will be held on Friday, November 21, from 12:30-5:00 pm in the Science Auditorium at CSU-Channel Islands. The university is located just south of Camarillo, which lies between Ventura and Thousand Oaks. If you will be travelling by air, you may find it more convenient to fly into Burbank than into the Los Angeles International Airport. CSUCI can arrange for a shuttle to pick you up at the airport and to return you there, including later on Friday, should you prefer. There are good, national chain motels in Camarillo, as well as in Ventura, Oxnard, and Thousand Oaks. As stated in the invitation e-mail, CSUCI will reimburse you for travel expenses and will provide you a \$1000 honorarium.

One University Drive, Camarillo, California 93012-8599 • Tel: (805) 437-8441 • Fax: (805) 437-2717 • [www.csuci.edu](http://www.csuci.edu)



State of California—Department of Health Services

**PAYEE DATA RECORD**

(Required in lieu of IRS W-9 when doing business with the State of California)

STD 204 (Rev. 2-2000)

**Note: Governmental Entities, federal, state, and local (including school districts) are not required to submit this form.**

SECTION 1 must be completed by the requesting state agency before forwarding to the payee

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**PURPOSE:** Information contained in this form will be used by state agencies to prepare Information Returns (Form 1099) and for withholding on payments to nonresident vendors. Prompt return of this fully completed form will prevent delays when processing payments.

(See Privacy Statement on Page 2)

1

PLEASE  
RETURN  
TO:

DEPARTMENT/OFFICE

CSU Channel Islands

STREET ADDRESS

One University Drive

CITY, STATE, ZIP CODE

Camarillo, CA 93012

TELEPHONE NUMBER

(805) 437-8400

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PAYEE'S BUSINESS NAME

Dawn Y Sumner

UCD Geology

MAILING ADDRESS (Number and Street or P.O. Box Number)

1 Shields Ave

(CITY, STATE, and ZIP CODE)

Davis, CA 95616

3

PAYEE  
ENTITY  
INFORMATION

CHECK ONE BOX ONLY

☐

LEGAL CORPORATION

☐

MEDICAL CORPORATION

☐

EXEMPT CORPORATION (Non-profit)

☐

ALL OTHER CORPORATIONS

FEDERAL EMPLOYER'S IDENTIFICATION NUMBER (FEIN)

| | | - | | | | | | | |

☐

PARTNERSHIP

☐

ESTATE OR TRUST

**NOTE:** State and local governmental entities, including school districts are not required to submit this form.☒

INDIVIDUAL SOLE PROPRIETOR

SOCIAL SECURITY NUMBER

15|2|2|1|-|7|8|-|4|4|6|6

OWNER'S FULL NAME

Dawn Yvonne Sumner

**NOTE:** Payment will not be processed without an accompanying taxpayer I.D. number.

4

PAYEE  
RESIDENCY  
STATUS

CHECK APPROPRIATE BOX(ES)

☒

California Resident - Qualified to do business in CA or a permanent place of business in CA.

☐

Nonresident (See Page 2). Payments for services by nonresidents may be subject to state withholding.

☐

WAIVER OF STATE WITHHOLDING FROM FRANCHISE TAX BOARD ATTACHED

☐

SERVICES PERFORMED OUTSIDE OF CALIFORNIA

**NOTE:**

a. An estate is a resident if decedent was a California resident at time of death.

b. A trust is a resident if at least one trustee is a California resident.  
(See Page 2)

5

CERTIFYING  
SIGNATURE**I hereby certify under penalty of perjury that the information provided on this document is true and correct. If my residency status should change, I will promptly inform you.**

AUTHORIZED PAYEE REPRESENTATIVE'S NAME (Type or Print)

Dawn Y Sumner

TITLE

Professor

SIGNATURE

*Dawn Y Sumner*

DATE

11/7/08

TELEPHONE NUMBER

530-752-5353



California State University Channel Islands  
Check Request Form

234

To be used for transactions not requiring a purchase order, service agreement or travel & expense reimbursement

MAKE CHECK PAYABLE TO:

Name: Dawn Y Sumner

Address 1: UCD Geology

Address 2: 1 Shields Ave

City, State Zip: Davis, CA 95616

Amount: \$ 1000.00

PeopleSoft Vendor ID: \_\_\_\_\_

Note: New vendors must complete a Form 204

Check Instructions:

- ☐ Mail to payee  
☒ Pick up at Cashier - Ext 3253  
☐ Mail attachments with check - include copies

Description to appear on reports (30 characters)  
Sumner Honorarium

TYPE OF PAYMENT:

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Advertising                   | <input type="checkbox"/> Lodging (Camarillo area) ** | <input type="checkbox"/> Subscription/Periodical         |
| <input type="checkbox"/> Art Model                     | <input type="checkbox"/> Membership/Dues             | <input type="checkbox"/> Tax Remittance*                 |
| <input type="checkbox"/> Bank Fee*                     | <input type="checkbox"/> Parking                     | <input type="checkbox"/> Utility/Telephone               |
| <input type="checkbox"/> Freight/Postage               | <input type="checkbox"/> Payroll                     |  |
| <input checked="" type="checkbox"/> Honorarium/Speaker | <input type="checkbox"/> Permit/License              | <input checked="" type="checkbox"/> IRA Activity         |
| <input type="checkbox"/> Interpreting/Note taking      | <input type="checkbox"/> Registration/Conference     | <input type="checkbox"/> Other- <u>must</u> be explained |

\*Accounting Use Only

\*\*Hampton Inn/Country Inn/Courtyard Marriott

DESCRIPTION AND/OR EXPLANATION OF PAYMENT:

Honorarium for guest speaker for IRA Sponsored Event. Payee Data Form previously faxed to Procurement (and attached here). Offer letter attached.

ACCOUNTING & APPROVAL:

Account	Fund	Dept ID*	Program	Class	Project/Grant**	Amount
613802	TK910	720	90200			\$1,000.00
Total						\$1,000.00

\*Depts. 2xx,3xx,4xx,6xx, require additional approval by VP Finance & Admin.; dept 9xx requires approval by Budget Dir.  
\*\*SA901Grant requires additional review by Grants/Contracts Administrator

Requestor: Mary Devins  
Printed Name & Extension

Mary Devins  
Signature

11/14/08  
Date

Approver: Dan Wakelee  
Printed Name & Extension

Dan Wakelee  
Signature

11/17/08  
Date

Approver:  
(If required) \_\_\_\_\_  
Printed Name & Extension

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

July 31, 2008

Dr. Dawn Y. Sumner  
Department of Geology  
University of California-Davis  
Davis, California 95616-8605

Dear Dr. Sumner,

California State University-Channel Islands will host a symposium on Friday, November 21, 2008, entitled "Early Life on the Ancient Earth...and Mars?" We would like to invite you to be one of our speakers. CSUCI will cover travel expenses and will provide a \$1000 honorarium.

The symposium is designed to introduce the educated layman to the nature of early life on Earth, and the conditions in which life evolved. We will examine the major settings in which life may have originated, and look at the changing environment as the microbial world flourished into communities. This will lead the audience to understand and appreciate current research into life on Mars. It is hoped that the symposium will inform the audience and build public support for research in these fields.

The symposium will last one afternoon and will consist of five invited researchers. The researchers whom we are inviting, and the general topics which we hope they will cover, are:

- Donald Lowe, Ph.D.: surface conditions on Earth from 4.0 to 2.0 billion years ago.
- Fabia U. Battistuzzi, Ph.D.: origin and evolution of early microbes on the ancient Earth.
- Rachel Haymon, Ph.D.: deep-sea hydrothermal vents on Earth as a possible origination site for early life.
- Dawn Y. Sumner, Ph.D.: stromatolite reefs produced by microbial communities 3.0-1.5 billion years ago.
- John P. Grotzinger, Ph.D.: the search for life on Mars.

The symposium will be open to the CSUCI student body and the general public. We expect about 100 people.

We would be honored by your participation and look forward to the insights from your research.

Sincerely,  
Christopher Wheeler, Ph.D.  
Geology  
(805) 437-2799



California State University Channel Islands  
Check Request Form

234

To be used for transactions not requiring a purchase order, service agreement or travel & expense reimbursement

MAKE CHECK PAYABLE TO:

Name: Fabia Ursula Battistuzzi

Address 1: 910 E Bendix Dr

Address 2: \_\_\_\_\_

City, State Zip: Tempe, AZ 85283

Amount: \$ 1000.00

PeopleSoft Vendor ID: \_\_\_\_\_  
Note: New vendors must complete a Form 204

Check Instructions:

- ☐ Mail to payee  
☒ Pick up at Cashier - Ext 3253  
☐ Mail attachments with check – include copies

Description to appear on reports (30 characters)  
Battistuzzi Honorarium

TYPE OF PAYMENT:

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Advertising                   | <input type="checkbox"/> Lodging (Camarillo area) ** | <input type="checkbox"/> Subscription/Periodical         |
| <input type="checkbox"/> Art Model                     | <input type="checkbox"/> Membership/Dues             | <input type="checkbox"/> Tax Remittance*                 |
| <input type="checkbox"/> Bank Fee*                     | <input type="checkbox"/> Parking                     | <input type="checkbox"/> Utility/Telephone               |
| <input type="checkbox"/> Freight/Postage               | <input type="checkbox"/> Payroll                     |  |
| <input checked="" type="checkbox"/> Honorarium/Speaker | <input type="checkbox"/> Permit/License              | <input checked="" type="checkbox"/> IRA Activity         |
| <input type="checkbox"/> Interpreting/Note taking      | <input type="checkbox"/> Registration/Conference     | <input type="checkbox"/> Other- <u>must</u> be explained |

\*Accounting Use Only    \*\*Hampton Inn/Country Inn/Courtyard Marriott

DESCRIPTION AND/OR EXPLANATION OF PAYMENT:

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ACCOUNTING & APPROVAL:

Account	Fund	Dept ID*	Program	Class	Project/Grant**	Amount
613802	TK910	720	90200			\$1,000.00
Total						\$1,000.00

\*Depts. 2xx,3xx,4xx,6xx, require additional approval by VP Finance & Admin.; dept 9xx requires approval by Budget Dir.  
\*\*SA901Grant requires additional review by Grants/Contracts Administrator

Requestor: Mary Devins  
Printed Name & Extension

Mary Devins  
Signature

11/14/08  
Date

Approver: Dan Wakelee  
Printed Name & Extension

Dan Wakelee  
Signature

11/17/08  
Date

Approver:  
(If required) \_\_\_\_\_  
Printed Name & Extension

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

State of California—Department of Health Services

**PAYEE DATA RECORD**

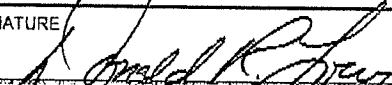
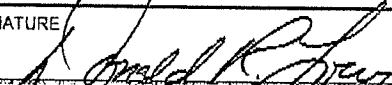
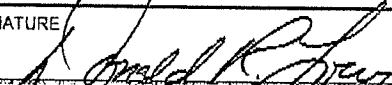
(Required in lieu of IRS W-9 when doing business with the State of California)

STD 204 (Rev. 2-2000)

**Note:** Governmental Entities, federal, state, and local (including school districts) are not required to submit this form.

SECTION 1 must be completed by the requesting state agency before forwarding to the payee

234

<b>1</b> PLEASE RETURN TO:	DEPARTMENT/OFFICE CSU Channel Islands STREET ADDRESS One University Drive CITY, STATE, ZIP CODE Camarillo, CA 93012 TELEPHONE NUMBER (805) 437-8400	<b>PURPOSE:</b> Information contained in this form will be used by state agencies to prepare Information Returns (Form 1099) and for withholding on payments to nonresident vendors. Prompt return of this fully completed form will prevent delays when processing payments. <b>(See Privacy Statement on Page 2)</b>						
<b>2</b>	PAYEE'S BUSINESS NAME Donald R. Lowe							
MAILING ADDRESS (Number and Street or P.O. Box Number) Dept. of Geological & Env. Sciences, Stanford University (CITY, STATE, and ZIP CODE) Stanford, CA 94305-2115								
<b>3</b> PAYEE ENTITY INFORMATION	<b>CHECK ONE BOX ONLY</b> <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> LEGAL CORPORATION  <input type="checkbox"/> MEDICAL CORPORATION  <input type="checkbox"/> EXEMPT CORPORATION (Non-profit)  <input type="checkbox"/> ALL OTHER CORPORATIONS          FEDERAL EMPLOYER'S IDENTIFICATION NUMBER (FEIN)  <div style="border-bottom: 1px solid black; width: 100px;"></div> </div> <div> <input type="checkbox"/> PARTNERSHIP  <input type="checkbox"/> ESTATE OR TRUST         </div> </div> <input checked="" type="checkbox"/> <b>INDIVIDUAL SOLE PROPRIETOR</b> SOCIAL SECURITY NUMBER <div style="border-bottom: 1px solid black; width: 100px; text-align: center;">5   5   4   -   5   6   -   4   1   0   5  </div> OWNER'S FULL NAME Donald Ray Lowe	<b>NOTE:</b> State and local governmental entities, including school districts are not required to submit this form.  <b>NOTE:</b> Payment will not be processed without an accompanying taxpayer I.D. number.						
<b>4</b> PAYEE RESIDENCY STATUS	<b>CHECK APPROPRIATE BOX(ES)</b> <input checked="" type="checkbox"/> California Resident - Qualified to do business in CA or a permanent place of business in CA. <input type="checkbox"/> Nonresident (See Page 2). Payments for services by nonresidents may be subject to state withholding. <div style="margin-left: 20px;"> <input type="checkbox"/> WAIVER OF STATE WITHHOLDING FROM FRANCHISE TAX BOARD ATTACHED  <input type="checkbox"/> SERVICES PERFORMED OUTSIDE OF CALIFORNIA         </div>	<b>NOTE:</b> a. An estate is a resident if decedent was a California resident at time of death. b. A trust is a resident if at least one trustee is a California resident. <b>(See Page 2)</b>						
<b>5</b> CERTIFYING SIGNATURE	I hereby certify under penalty of perjury that the information provided on this document is true and correct. If my residency status should change, I will promptly inform you. <table border="1" style="width: 100%;"> <tr> <td data-bbox="284 1774 885 1837">           AUTHORIZED PAYEE REPRESENTATIVE'S NAME (Type or Print)            Donald R. Lowe         </td> <td colspan="2" data-bbox="885 1774 1453 1837">           TITLE            Professor         </td> </tr> <tr> <td data-bbox="284 1837 885 1921">           SIGNATURE   </td> <td data-bbox="885 1837 1144 1921">           DATE            11/14/08         </td> <td data-bbox="1144 1837 1453 1921">           TELEPHONE NUMBER            650-725-3040         </td> </tr> </table>		AUTHORIZED PAYEE REPRESENTATIVE'S NAME (Type or Print) Donald R. Lowe	TITLE Professor		SIGNATURE 	DATE 11/14/08	TELEPHONE NUMBER 650-725-3040
AUTHORIZED PAYEE REPRESENTATIVE'S NAME (Type or Print) Donald R. Lowe	TITLE Professor							
SIGNATURE 	DATE 11/14/08	TELEPHONE NUMBER 650-725-3040						



July 3, 2008

234

Dr. Donald Lowe  
Department of Geological and Environmental Sciences  
Stanford University  
Stanford, California 94305

Dear Dr. Lowe,

California State University-Channel Islands will host a symposium on Friday, November 21, 2008, entitled "Early Life on the Ancient Earth...and Mars?" We would like to invite you to be one of our speakers. CSUCI will cover travel expenses and provide a \$1000 honorarium.

The symposium is designed to introduce the educated layman to the nature of early life on Earth, and the conditions in which life evolved. We will examine the major settings in which life may have originated, and look at the changing environment as the microbial world flourished into communities. This will lead the audience to understand and appreciate current research into life on Mars. It is hoped that the symposium will inform the audience and build public support for research in these fields.

The symposium will last one afternoon and will consist of five invited researchers. The researchers whom we are inviting, and the general topics which we hope they will cover, are:

- Dr. Donald Lowe, Ph.D.: surface conditions on Earth from 4.0 to 2.0 billion years ago.
- Carl R. Woese, Ph.D.: origin and evolution of early microbes on the ancient Earth.
- Rachel Haymon, Ph.D.: deep-sea hydrothermal vents on Earth as a possible origination site for early life.
- John P. Grotzinger, Ph.D.: stromatolite reefs produced by microbial communities 3.0-1.5 billion years ago.
- David J. Des Marais, Ph.D.: the search for life on Mars.

The symposium will be open to the CSUCI student body and the general public. We expect about 100 people.

We would be honored by your participation and look forward to the insights from your research.

Sincerely,  
Christopher Wheeler, Ph.D.  
Geology  
(805) 437-2799



California State University Channel Islands  
Check Request Form

234

To be used for transactions not requiring a purchase order, service agreement or travel & expense reimbursement

MAKE CHECK PAYABLE TO:

Name: Donald R Lowe

Address 1: Dept of Geol & Env Sciences

Address 2: Stanford University

City, State Zip: Stanford, CA 94305-2115

Amount: \$ 1000.00

PeopleSoft Vendor ID: \_\_\_\_\_

Note: New vendors must complete a Form 204

Check Instructions:

- ☐ Mail to payee  
☒ Pick up at Cashier - Ext 3253  
☐ Mail attachments with check - include copies

Description to appear on reports (30 characters)

Lowe Honorarium

TYPE OF PAYMENT:

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Advertising                   | <input type="checkbox"/> Lodging (Camarillo area) ** | <input type="checkbox"/> Subscription/Periodical         |
| <input type="checkbox"/> Art Model                     | <input type="checkbox"/> Membership/Dues             | <input type="checkbox"/> Tax Remittance*                 |
| <input type="checkbox"/> Bank Fee*                     | <input type="checkbox"/> Parking                     | <input type="checkbox"/> Utility/Telephone               |
| <input type="checkbox"/> Freight/Postage               | <input type="checkbox"/> Payroll                     |  |
| <input checked="" type="checkbox"/> Honorarium/Speaker | <input type="checkbox"/> Permit/License              | <input checked="" type="checkbox"/> IRA Activity         |
| <input type="checkbox"/> Interpreting/Note taking      | <input type="checkbox"/> Registration/Conference     | <input type="checkbox"/> Other- <u>must</u> be explained |

\*Accounting Use Only

\*\*Hampton Inn/Country Inn/Courtyard Marriott

DESCRIPTION AND/OR EXPLANATION OF PAYMENT:

Honorarium for guest speaker for IRA Sponsored Event. Payee Data Form previously faxed to Procurement (and attached here). Offer letter attached.

ACCOUNTING & APPROVAL:

Account	Fund	Dept ID*	Program	Class	Project/Grant**	Amount
613802	TK910	720	90200			\$1,000.00
Total						\$1,000.00

\*Depts. 2xx,3xx,4xx,6xx, require additional approval by VP Finance & Admin.; dept 9xx requires approval by Budget Dir.

\*\*SA901Grant requires additional review by Grants/Contracts Administrator

Requestor: Mary Devins  
Printed Name & Extension

Mary Devins  
Signature

11/14/06  
Date

Approver: Dan Wakelee  
Printed Name & Extension

Dan Wakelee  
Signature

11/17/06  
Date

Approver:  
(If required) \_\_\_\_\_  
Printed Name & Extension

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

June 27, 2008

Dr. John P. Grotzinger  
Department of Geological and Planetary Sciences  
California Institute of Technology  
Pasadena, California 91125

Dear Dr. Grotzinger,

California State University-Channel Islands will host a symposium on Friday, November 21, 2008, entitled "Early Life on the Ancient Earth...and Mars?" We would like to invite you to be one of our speakers. CSUCI will cover travel expenses and provide a \$1000 honorarium.

The symposium is designed to introduce the educated layman to the nature of early life on Earth, and the conditions in which life evolved. We will examine the major settings in which life may have originated, and look at the changing environment as the microbial world flourished into communities. This will lead the audience to understand and appreciate current research into life on Mars. It is hoped that the symposium will inform the audience and build public support for research in these fields.

The symposium will last one afternoon and will consist of five invited researchers. The researchers whom we are inviting, and the general topics which we hope they will cover, are:

- Andrew H. Knoll, Ph.D.: surface conditions on Earth from 4.0 to 2.0 billion years ago.
- Carl R. Woese, Ph.D.: origin and evolution of early microbes on the ancient Earth.
- Rachel Haymon, Ph.D.: deep-sea hydrothermal vents on Earth as a possible origination site for early life.
- John P. Grotzinger, Ph.D.: stromatolite reefs produced by microbial communities 3.0-1.5 billion years ago.
- David J. Des Marais, Ph.D.: the search for life on Mars.

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We would be honored by your participation and look forward to the insights from your research.

Sincerely,  
Christopher Wheeler, Ph.D.  
Geology  
(805) 437-2799

One University Drive, Camarillo, California 93012-8599 • Tel: (805) 437-8400 • Fax: (805) 437-8424 • [www.csuci.edu](http://www.csuci.edu)

campuses of The California State University • Bakersfield • Channel Islands • Chico • Dominguez Hills • Fresno • Fullerton • Hayward • Humboldt • Long Beach • Los Angeles • Maritime Academy • Monterey Bay • Northridge • Pomona • Sacramento • San Bernardino • San Diego • San Francisco • San Jose • San Luis Obispo • San Marcos • Sonoma • Stanislaus

August 20, 2008

234

Dr. Dawn Y. Sumner  
Department of Geology  
One Shields Avenue  
University of California-Davis  
Davis, California 95616-8605

Dear Dr. Sumner,

Thank you for agreeing to be a speaker at the California State University-Channel Islands science symposium entitled "Early Life on the Ancient Earth...and Mars?". Word of the symposium topic and its speakers is stirring up great interest here.

Since my last e-mail, the speaker list has finalized as follows:

- Donald Lowe, Ph.D. (Dept. of Geological and Environmental Sciences, Stanford Univ.): surface conditions on Earth from 4.0 to 2.0 billion years ago.
- Fabia U. Battistuzzi, Ph.D. (Arizona Biodesign Institute, Arizona State Univ.-Tempe): origin and evolution of early microbes on the ancient Earth.
- Rachel Haymon, Ph.D. (Dept. of Earth Sciences, Univ. of California-Santa Barbara): deep-sea hydrothermal vents on Earth as a possible origination site for early life.
- Dawn Y. Sumner, Ph.D. (Dept. of Geology, Univ. of California-Davis): stromatolite reefs produced by microbial communities 3.0 to 1.5 billion years ago.
- John P. Grotzinger, Ph.D. (Dept. of Geological and Planetary Sciences, California Institute of Technology): the search for life on Mars.

All of the above speakers have accepted invitations to attend.

The symposium will be held on Friday, November 21, from 12:30-5:00 pm in the Science Auditorium at CSU-Channel Islands. The university is located just south of Camarillo, which lies between Ventura and Thousand Oaks. If you will be travelling by air, you may find it more convenient to fly into Burbank than into the Los Angeles International Airport. CSUCI can arrange for a shuttle to pick you up at the airport and to return you there, including later on Friday, should you prefer. There are good, national chain motels in Camarillo, as well as in Ventura, Oxnard, and Thousand Oaks. As stated in the invitation e-mail, CSUCI will reimburse you for travel expenses and will provide you a \$1000 honorarium.

August 20, 2008

234

Dr. Rachel Haymon  
Department of Earth Sciences  
2031 Webb Hall, Bldg. 526  
University of California-Santa Barbara  
Santa Barbara, California 93106-9630

Dear Dr. Haymon,

Thank you for agreeing to be a speaker at the California State University-Channel Islands science symposium entitled "Early Life on the Ancient Earth...and Mars?". Word of the symposium topic and its speakers is stirring up great interest here.

Since my last e-mail, the speaker list has finalized as follows:

- Donald Lowe, Ph.D. (Dept. of Geological and Environmental Sciences, Stanford Univ.): surface conditions on Earth from 4.0 to 2.0 billion years ago.
- Fabia U. Battistuzzi, Ph.D. (Arizona Biodesign Institute, Arizona State Univ.-Tempe): origin and evolution of early microbes on the ancient Earth.
- Rachel Haymon, Ph.D. (Dept. of Earth Sciences, Univ. of California-Santa Barbara): deep-sea hydrothermal vents on Earth as a possible origination site for early life.
- Dawn Y. Sumner, Ph.D. (Dept. of Geology, Univ. of California-Davis): stromatolite reefs produced by microbial communities 3.0 to 1.5 billion years ago.
- John P. Grotzinger, Ph.D. (Dept. of Geological and Planetary Sciences, California Institute of Technology): the search for life on Mars.

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The talks will each be allotted 45 minutes, followed by 5-10 minutes for questions. We plan for the talks to occur in same order as the list of speakers above. The audience will consist of undergraduate students from a wide range of majors, university faculty and staff, and the general



August 20, 2008

Dr. Donald Lowe  
Department of Geological and Environmental Sciences  
216 Braun Hall  
450 Serra Mall, Bldg. 320  
Stanford University  
Stanford, California 94305

Dear Dr. Lowe,

Thank you for agreeing to be a speaker at the California State University-Channel Islands science symposium entitled "Early Life on the Ancient Earth...and Mars?". Word of the symposium topic and its speakers is stirring up great interest here.

Since my last e-mail, the speaker list has finalized as follows:

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- Fabia U. Battistuzzi, Ph.D. (Arizona Biodesign Institute, Arizona State Univ.-Tempe): origin and evolution of early microbes on the ancient Earth.
- Rachel Haymon, Ph.D. (Dept. of Earth Sciences, Univ. of California-Santa Barbara): deep-sea hydrothermal vents on Earth as a possible origination site for early life.
- Dawn Y. Sumner, Ph.D. (Dept. of Geology, Univ. of California-Davis): stromatolite reefs produced by microbial communities 3.0 to 1.5 billion years ago.
- John P. Grotzinger, Ph.D. (Dept. of Geological and Planetary Sciences, California Institute of Technology): the search for life on Mars.

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One University Drive, Camarillo, California 93012-8599 • Tel: (805) 437-8441 • Fax: (805) 437-2717 • [www.csuci.edu](http://www.csuci.edu)

State of California—Department of Health Services

**PAYEE DATA RECORD**

(Required in lieu of IRS W-9 when doing business with the State of California)

STD 204 (Rev. 2-2000)

234

**Note: Governmental Entities, federal, state, and local (including school districts) are not required to submit this form.**

SECTION 1 must be completed by the requesting state agency before forwarding to the payee

1  PLEASE RETURN TO:	DEPARTMENT/OFFICE CSU Channel Islands	<b>PURPOSE:</b> Information contained in this form be used by state agencies to prepare Informa Returns (Form 1099) and for withholding payments to nonresident vendors. Prompt return this fully completed form will prevent delays w processing payments.  <b>(See Privacy Statement on Page 2)</b>
	STREET ADDRESS One University Drive	
	CITY, STATE, ZIP CODE Camarillo, CA 93012	
	TELEPHONE NUMBER (805) 437-8400	

2	PAYEE'S BUSINESS NAME FABIA URSULA BATTISTUZZI
	910 E. BENDIX DR.
	MAILING ADDRESS (Number and Street or P.O. Box Number)
	TEMPE AZ 85283
	(CITY, STATE, and ZIP CODE)

3  PAYEE ENTITY INFORMATION	CHECK ONE BOX ONLY		<b>NOTE:</b> State and local governmenta entities, including school districts are not required to submit this form.  <b>NOTE:</b> Payment w not be processed without an accompanying taxpayer I.D. number.
	<input type="checkbox"/> LEGAL CORPORATION <input type="checkbox"/> MEDICAL CORPORATION <input type="checkbox"/> EXEMPT CORPORATION (Non-profit) <input type="checkbox"/> ALL OTHER CORPORATIONS FEDERAL EMPLOYER'S IDENTIFICATION NUMBER (FEIN) [ ] [ ] - [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	<input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> ESTATE OR TRUST	
	<input checked="" type="checkbox"/> <b>INDIVIDUAL SOLE PROPRIETOR</b> SOCIAL SECURITY NUMBER 119141-1301-160310		
	OWNER'S FULL NAME FABIA URSULA BATTISTUZZI		

4  PAYEE RESIDENCY STATUS	CHECK APPROPRIATE BOX(ES)	<b>NOTE:</b>  a. An estate is a resident if decedent was a California resident at time of death.  b. A trust is a resident if at least one trustee is a California resident (See Page 2)
	<input type="checkbox"/> California Resident - Qualified to do business in CA or a permanent place of business in CA.	
	<input checked="" type="checkbox"/> Nonresident (See Page 2). Payments for services by nonresidents may be subject to state withholding.  <input type="checkbox"/> WAIVER OF STATE WITHHOLDING FROM FRANCHISE TAX BOARD ATTACHED <input type="checkbox"/> SERVICES PERFORMED OUTSIDE OF CALIFORNIA	

5  CERTIFYING SIGNATURE	I hereby certify under penalty of perjury that the information provided on this document is true and correct. If my residency status should change, I will promptly inform you.		
	AUTHORIZED PAYEE REPRESENTATIVE'S NAME (Type or Print) FABIA URSULA BATTISTUZZI		TITLE
	SIGNATURE FABIA URSULA BATTISTUZZI	DATE 11/13/2008	TELEPHONE NUMBER 480-965-2091 ext 246

July 16, 2008

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Dr. Fabia U. Battistuzzi  
Arizona BioDesign Institute  
Arizona State University  
Tempe, Arizona

Dear Dr. Battistuzzi,

California State University-Channel Islands will host a symposium on Friday, November 21, 2008, entitled "Early Life on the Ancient Earth...and Mars?" We would like to invite you to be one of our speakers. CSUCI will cover travel expenses and will provide a \$1000 honorarium.

The symposium is designed to introduce the educated layman to the nature of early life on Earth, and the conditions in which life evolved. We will examine the major settings in which life may have originated, and look at the changing environment as the microbial world flourished into communities. This will lead the audience to understand and appreciate current research into life on Mars. It is hoped that the symposium will inform the audience and build public support for research in these fields.

The symposium will last one afternoon and will consist of five invited researchers. The researchers whom we are inviting, and the general topics which we hope they will cover, are:

- Donald Lowe, Ph.D.: surface conditions on Earth from 4.0 to 2.0 billion years ago.
- Fabia U. Battistuzzi, Ph.D.: origin and evolution of early microbes on the ancient Earth.
- Rachel Haymon, Ph.D.: deep-sea hydrothermal vents on Earth as a possible origination site for early life.
- John P. Grotzinger, Ph.D.: stromatolite reefs produced by microbial communities 3.0-1.5 billion years ago.
- David J. Des Marais, Ph.D.: the search for life on Mars.

The symposium will be open to the CSUCI student body and the general public. We expect about 100 people.

We would be honored by your participation and look forward to the insights from your research.

Sincerely,  
Christopher Wheeler, Ph.D.  
Geology  
(805) 437-2799





**PAYEE DATA RECORD**

(Required in lieu of IRS W-9 when doing business with the State of California)

STD 204 (Rev. 2-2000)

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**Note:** Governmental Entities, federal, state, and local (including school districts) are not required to submit this form.

SECTION 1 must be completed by the requesting state agency before forwarding to the payee

<b>1</b>  PLEASE RETURN TO:	DEPARTMENT/OFFICE CSU Channel Islands STREET ADDRESS One University Drive CITY, STATE, ZIP CODE Camarillo, CA 93012 TELEPHONE NUMBER (805) 437-8400	<b>PURPOSE:</b> Information contained in this form will be used by state agencies to prepare Information Returns (Form 1099) and for withholding on payments to nonresident vendors. Prompt return of this fully completed form will prevent delays when processing payments.  (See Privacy Statement on Page 2)						
<b>2</b>	PAYEE'S BUSINESS NAME <u>Rachel Hayman</u> <u>744 Sea Ranch Dr</u> MAILING ADDRESS (Number and Street or P.O. Box Number) <u>Santa Barbara CA 93109</u> (CITY, STATE, and ZIP CODE)							
<b>3</b>  PAYEE ENTITY INFORMATION	CHECK ONE BOX ONLY <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> LEGAL CORPORATION  <input type="checkbox"/> MEDICAL CORPORATION  <input type="checkbox"/> EXEMPT CORPORATION (Non-profit)  <input type="checkbox"/> ALL OTHER CORPORATIONS            FEDERAL EMPLOYER'S IDENTIFICATION NUMBER (FEIN)            [ ] [ ] - [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]         </div> <div> <input type="checkbox"/> PARTNERSHIP  <input type="checkbox"/> ESTATE OR TRUST         </div> </div> <input checked="" type="checkbox"/> INDIVIDUAL SOLE PROPRIETOR SOCIAL SECURITY NUMBER      OWNER'S FULL NAME <u>413121-7181-6171</u> <u>Rachel Maria Hayman</u>							
<b>4</b>  PAYEE RESIDENCY STATUS	CHECK APPROPRIATE BOX(ES) <input checked="" type="checkbox"/> California Resident - Qualified to do business in CA or a permanent place of business in CA. <input type="checkbox"/> Nonresident (See Page 2). Payments for services by nonresidents may be subject to state withholding. <input type="checkbox"/> WAIVER OF STATE WITHHOLDING FROM FRANCHISE TAX BOARD ATTACHED <input type="checkbox"/> SERVICES PERFORMED OUTSIDE OF CALIFORNIA							
<b>5</b>  CERTIFYING SIGNATURE	I hereby certify under penalty of perjury that the information provided on this document is true and correct. If my residency status should change, I will promptly inform you. <table border="1" style="width: 100%;"> <tr> <td data-bbox="300 1648 885 1732">           AUTHORIZED PAYEE REPRESENTATIVE'S NAME (Type or Print)  <u>RACHEL M HAYMAN</u> </td> <td data-bbox="885 1648 1144 1732">           TITLE  <u>Professor</u> </td> </tr> <tr> <td data-bbox="300 1732 885 1795">           SIGNATURE  <u>Rachel M Hayman</u> </td> <td data-bbox="885 1732 1461 1795"> <table border="1" style="width: 100%;"> <tr> <td data-bbox="893 1732 1144 1795">               DATE  <u>11/14/07</u> </td> <td data-bbox="1144 1732 1461 1795">               TELEPHONE NUMBER  <u>805-687 5523</u> </td> </tr> </table> </td> </tr> </table>		AUTHORIZED PAYEE REPRESENTATIVE'S NAME (Type or Print) <u>RACHEL M HAYMAN</u>	TITLE <u>Professor</u>	SIGNATURE <u>Rachel M Hayman</u>	<table border="1" style="width: 100%;"> <tr> <td data-bbox="893 1732 1144 1795">               DATE  <u>11/14/07</u> </td> <td data-bbox="1144 1732 1461 1795">               TELEPHONE NUMBER  <u>805-687 5523</u> </td> </tr> </table>	DATE <u>11/14/07</u>	TELEPHONE NUMBER <u>805-687 5523</u>
AUTHORIZED PAYEE REPRESENTATIVE'S NAME (Type or Print) <u>RACHEL M HAYMAN</u>	TITLE <u>Professor</u>							
SIGNATURE <u>Rachel M Hayman</u>	<table border="1" style="width: 100%;"> <tr> <td data-bbox="893 1732 1144 1795">               DATE  <u>11/14/07</u> </td> <td data-bbox="1144 1732 1461 1795">               TELEPHONE NUMBER  <u>805-687 5523</u> </td> </tr> </table>	DATE <u>11/14/07</u>	TELEPHONE NUMBER <u>805-687 5523</u>					
DATE <u>11/14/07</u>	TELEPHONE NUMBER <u>805-687 5523</u>							



California State University Channel Islands  
Check Request Form

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To be used for transactions other than employee travel or those requiring a purchase order or service agreement.

MAKE CHECK PAYABLE TO:

Name: Francine Broughton

Address 1: 320 Appleton Ave

Address 2: \_\_\_\_\_

City, State Zip: Camarillo, CA 93012

PeopleSoft Vendor ID: \_\_\_\_\_

Note: New vendors must complete a Form 204

Check will be:

- ☒ Mailed to the address at left  
☐ Picked up from Cashier - Ext \_\_\_\_\_

Description as it should appear on reports (30 characters)

Amount \$ 200.00

TYPE OF PAYMENT (Attach original receipts and invoice, if applicable)

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Accreditation Fee                                 | <input type="checkbox"/> Membership/Dues      | <input type="checkbox"/> Postage                              |
| <input type="checkbox"/> Advertising                                       | <input type="checkbox"/> Non-Employee Reimb** | <input type="checkbox"/> Refund                               |
| <input type="checkbox"/> Freight/Shipping                                  | <input type="checkbox"/> Parking/Bank Fee     | <input type="checkbox"/> Registration Fee (w/ Travel Request) |
| <input checked="" type="checkbox"/> Honorarium/Speaker Fee(under 1K)       | <input type="checkbox"/> Payroll Advance*     | <input type="checkbox"/> Subscription/Periodical              |
| <input type="checkbox"/> Interpreting/Notetaking Svc                       | <input type="checkbox"/> Permit/License Fee   | <input type="checkbox"/> Utilities                            |
| <input type="checkbox"/> PO Closed ***                                     | <input type="checkbox"/> Tax Remittance       | <input type="checkbox"/> Sodexo (w/ Meal Approval Frm)        |
| <input type="checkbox"/> CSU Overhead Costs                                | <input type="checkbox"/> Art Models           | <input type="checkbox"/> Prizes/Awards (Non-General Fund)     |
| <input type="checkbox"/> Lodging-Hampton/Country/Marriott (Camarillo only) |   | <input checked="" type="checkbox"/> IRA Activity              |

\* To be used by payroll department only.

\*\*Please attach a signed Non-Employee reimbursement form to this check request.

\*\*\*To be used at year end only when PO on invoice has been closed and prior year funds have been reverted.

Description and/or explanation of payment.

Honorarium for speaker for IRA funded speaker series. See attached proposal. Payee data form attached (was previously faxed to Procurement).

☐ PLEASE SEND ATTACHED FORM WITH CHECK

CHARGE

Account	Fund	Dept ID	Program	Class	Project/Grant	Amount
613802	TK910	721	90221			\$200.00
Total						\$200.00

Requested

Mary Devins x3253

Printed Name & Extension

Signature

11/10/08

Date

Approved by:

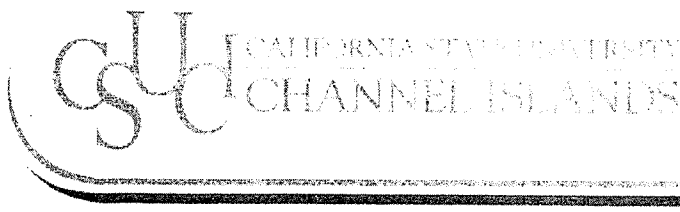
Dan Wakelee

Printed Name

Signature

11/10/08

Date



November 3, 2008

Dear Ms. Broughton,

Thank you for your willingness to offer your presentation on "Yoga" on November 6, 2008 at CSU Channel Islands in Camarillo from 3-4:15 p.m. This letter is to formalize the invitation and to let you know the details of the event.

The class is part of an upper division general education course entitled "Complementary and Alternative Health" and is attended by 50 students from several disciplines, among them nursing, psychology, business and liberal studies. The class will be videotaped by Tom Emens in conjunction with an instructionally-related grant that will enable access for students who may not be able to attend a traditional class. The classroom is located in the Bell Tower West Building in Room 2505. We hope to begin promptly at 3 p.m. with a brief introduction of you to the 50 students and conclude at about 4:15 p.m.

We are pleased to offer you an honorarium of \$200 in gratitude for your participation, and to cover any travel expenses. **Attached find the Payee Data Record and AudioVisual Release forms for your completion.** We will have a parking pass for you at the Public Safety Office, first building on the right as you enter campus with free parking in front labeled "Placer Hall." The officers will tell you which parking lots are best for Bell Tower 2505. Allow 15 minutes to find and walk to the classroom on the second floor.

I have given you Chapter 15 on Yoga that the students will have read. Please don't hesitate to call me if any issues arise. Thank you again for your willingness to share this exciting area of complementary health.

Sincerely,

Barbara Thorpe  
Professor of Nursing

California State University Channel Islands  
(805) 437-8821; C 805-377-9266  
[Barbara.thorpe@csuci.edu](mailto:Barbara.thorpe@csuci.edu)

Cc: Mary Devins



**From:** Wheeler, Christopher [mailto:Christopher.Wheeler@csuci.edu]  
**Sent:** Wednesday, November 05, 2008 5:35 PM  
**To:** Fabia Battistuzzi  
**Subject:** RE: Roadrunner to/from LAX

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Hi Fabia,

Yes, we can arrange a RoadRunner shuttle to and from LAX. Depending on conditions and whether or not the shuttle stops for others, the time can vary from 1 to 2 hours. It would be best to budget for 2 hours.

Sincerely,  
Chris

Christopher Wheeler, Ph.D.  
Geology  
CSU-Channel Islands  
(805) 437-2799

---

**From:** Fabia Battistuzzi [mailto:Fabia.Battistuzzi@asu.edu]  
**Sent:** Tuesday, November 04, 2008 8:45 AM  
**To:** Wheeler, Christopher  
**Subject:** RE:

Hi Christopher,

Thanks for the info. I will take care of the airplane reservation my self (I will be leaving on Friday so I will not need a hotel).

I just have two more questions:

1. can the roadrunner shuttle pick me up and bring me back to LAX instead of Burbank?
2. how long does it take from LAX or Burbank to CSUCI?

Thanks again,  
Fabia

\*\*\*\*\*

Fabia Ursula Battistuzzi  
Postdoctoral Research Associate  
Center for Evolutionary Functional Genomics  
Arizona State University, Tempe (USA)  
480-965-2091 ext. 216  
fabia.battistuzzi@asu.edu

---

**From:** Wheeler, Christopher [mailto:Christopher.Wheeler@csuci.edu]  
**Sent:** Monday, November 03, 2008 11:41 AM  
**To:** Fabia Battistuzzi  
**Subject:** RE:

Hi Fabia,

My apologies for not replying to your e-mail earlier. The person with whom I have been interfacing about the symposium was out on Friday.

Mary Devins, the financial person who handles the symposia, recommends that you make the flight reservation yourself, then notify us of the total. The reimbursement will then be included with the honorarium check, which

11/14/2008

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you will receive at the symposium. Alternatively, CSUCI can make the reservation and spare you the outlay.

The same arrangements are possible with regard to overnight lodgings. If CSUCI makes the reservation, it will be at the Marriott Hotel here in Camarillo, where the rooms cost about \$130/night.

Let me know how you would like to proceed on both issues.

We will be happy to arrange for a RoadRunner shuttle for you from and to the airport. Let me know your schedule and it will be done.

I have also attached a payee data record document which Mary needs you to complete and fax back to her. Her fax number is (805) 437-8864. It provides the necessary information for her to prepare the honorarium and reimbursement check.

Let me know if you have any further questions.

Sincerely,  
Chris

Christopher Wheeler, Ph.D.  
Geology  
CSU-Channel Islands  
(805) 437-2799

---

**From:** Fabia Battistuzzi [mailto:Fabia.Battistuzzi@asu.edu]  
**Sent:** Wednesday, October 29, 2008 5:58 PM  
**To:** Wheeler, Christopher  
**Subject:**

Dear Christopher,

I would like to make the flight and hotel reservation for the symposium of Nov. 21<sup>st</sup>. What is the procedure for reimbursement (e.g., is it ok if I make the reservation or do you have to do it, what type of receipts are needed)?

Also, I will need a shuttle for Friday. I am planning on arriving Friday morning and leaving Friday after the symposium. Is that possible?

Thanks,  
fabia

\*\*\*\*\*

Fabia Ursula Battistuzzi  
Postdoctoral Research Associate  
Center for Evolutionary Functional Genomics  
Arizona State University, Tempe (USA)  
480-965-2091 ext. 216  
fabia.battistuzzi@asu.edu

November 5, 2008

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Memo to: Mary Devin, IRA

From: Christopher Wheeler, Geology *CWW*

Attached you will find copies of the invitation and follow-up letters that were sent to the speakers for the upcoming Science Symposium, to be held on November 21, 2008. The invitation letters (gray) were sent by e-mail on CSUCI's electronic letterhead, with a cover e-mail.

You will notice that the speaker list cited on the invitation letters varied somewhat over time. Some proposed speakers declined or were unable to attend, so the list evolved over the months of June and July.

I have begun e-mailing the data sheets to the speakers and should finish that this evening or tomorrow.

State of California—Department of Health Services

**PAYEE DATA RECORD**

(Required in lieu of IRS W-9 when doing business with the State of California)

STD 204 (Rev. 2-2000)

**Note: Governmental Entities, federal, state, and local (including school districts) are not required to submit this form.**

SECTION 1 must be completed by the requesting state agency before forwarding to the payee

<b>1</b>  PLEASE RETURN TO:	DEPARTMENT/OFFICE CSU Channel Islands	<b>PURPOSE:</b> Information contained in this form will be used by state agencies to prepare Information Returns (Form 1099) and for withholding on payments to nonresident vendors. Prompt return of this fully completed form will prevent delays when processing payments.  (See Privacy Statement on Page 2)
	STREET ADDRESS One University Drive	
	CITY, STATE, ZIP CODE Camarillo, CA 93012	
	TELEPHONE NUMBER (805) 437-8400	

<b>2</b>	PAYEE'S BUSINESS NAME JOHN GROTZINGER 1260 ENCINO DRIVE MAILING ADDRESS (Number and Street or P.O. Box Number) SAN MARINO, CA 91108 (CITY, STATE, and ZIP CODE)
----------	--

<b>3</b>  PAYEE ENTITY INFORMATION	<b>CHECK ONE BOX ONLY</b> <input type="checkbox"/> LEGAL CORPORATION <input type="checkbox"/> MEDICAL CORPORATION <input type="checkbox"/> EXEMPT CORPORATION (Non-profit) <input type="checkbox"/> ALL OTHER CORPORATIONS FEDERAL EMPLOYER'S IDENTIFICATION NUMBER (FEIN)     -	<b>NOTE:</b> State and local governmental entities, including school districts are not required to submit this form.  <b>NOTE:</b> Payment will not be processed without an accompanying taxpayer I.D. number.
	<input checked="" type="checkbox"/> <b>INDIVIDUAL SOLE PROPRIETOR</b> SOCIAL SECURITY NUMBER OWNER'S FULL NAME 12011-1441-1216192 JOHN GROTZINGER	

<b>4</b>  PAYEE RESIDENCY STATUS	<b>CHECK APPROPRIATE BOX(ES)</b> <input checked="" type="checkbox"/> California Resident - Qualified to do business in CA or a permanent place of business in CA. <input type="checkbox"/> Nonresident (See Page 2). Payments for services by nonresidents may be subject to state withholding. <input type="checkbox"/> WAIVER OF STATE WITHHOLDING FROM FRANCHISE TAX BOARD ATTACHED <input type="checkbox"/> SERVICES PERFORMED OUTSIDE OF CALIFORNIA	<b>NOTE:</b> a. An estate is a resident if decedent was a California resident at time of death. b. A trust is a resident if at least one trustee is a California resident. (See Page 2)
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<b>5</b>  CERTIFYING SIGNATURE	I hereby certify under penalty of perjury that the information provided on this document is true and correct. If my residency status should change, I will promptly inform you.		
	AUTHORIZED PAYEE REPRESENTATIVE'S NAME (Type or Print)		TITLE
	SIGNATURE [Signature]	DATE 11/17/08	TELEPHONE NUMBER 626-395-6985



August 20, 2008

Dr. John P. Grotzinger  
Department of Geological and Planetary Sciences  
MC 170-25  
California Institute of Technology  
1200 East California Blvd.  
Pasadena, California 91125

Dear Dr. Grotzinger,

Thank you for agreeing to be a speaker at the California State University-Channel Islands science symposium entitled "Early Life on the Ancient Earth...and Mars?". Word of the symposium topic and its speakers is stirring up great interest here.

Since my last e-mail, the speaker list has finalized as follows:

- Donald Lowe, Ph.D. (Dept. of Geological and Environmental Sciences, Stanford Univ.): surface conditions on Earth from 4.0 to 2.0 billion years ago.
- Fabia U. Battistuzzi, Ph.D. (Arizona Biodesign Institute, Arizona State Univ.-Tempe): origin and evolution of early microbes on the ancient Earth.
- Rachel Haymon, Ph.D. (Dept. of Earth Sciences, Univ. of California-Santa Barbara): deep-sea hydrothermal vents on Earth as a possible origination site for early life.
- Dawn Y. Sumner, Ph.D. (Dept. of Geology, Univ. of California-Davis): stromatolite reefs produced by microbial communities 3.0 to 1.5 billion years ago.
- John P. Grotzinger, Ph.D. (Dept. of Geological and Planetary Sciences, California Institute of Technology): the search for life on Mars.

All of the above speakers have accepted invitations to attend.

The symposium will be held on Friday, November 21, from 12:30-5:00 pm in the Science Auditorium at CSU-Channel Islands. The university is located just south of Camarillo, which lies between Ventura and Thousand Oaks. If you will be travelling by air, you may find it more convenient to fly into Burbank than into the Los Angeles International Airport. CSUCI can arrange for a shuttle to pick you up at the airport and to return you there, including later on Friday, should you prefer. There are good, national chain motels in Camarillo, as well as in Ventura, Oxnard, and Thousand Oaks. As stated in the invitation e-mail, CSUCI will reimburse you for travel expenses and will provide you a \$1000 honorarium.

One University Drive, Camarillo, California 93012-8599 • Tel: (805) 437-8441 • Fax: (805) 437-2717 • [www.csuci.edu](http://www.csuci.edu)

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The talks will each be allotted 45 minutes, followed by 5-10 minutes for questions. We plan for the talks to occur in same order as the list of speakers above. The audience will consist of undergraduate students from a wide range of majors, university faculty and staff, and the general public. The talks should therefore be designed for an educated lay audience that needs some background information, but is eager to learn how our knowledge is developing.

In order to start preparations for the symposium, we need a title for your talk. The topics listed above are just that; please feel free to compose your own title. It would be very helpful if you could e-mail a title to me, Chris Wheeler, within the next two weeks.

We are looking forward to your presentation at the science symposium.

Sincerely,

Christopher Wheeler, Ph.D.  
Geology  
(805) 437-2799  
[christopher.wheeler@csuci.edu](mailto:christopher.wheeler@csuci.edu)

Amy Denton, Ph.D.  
Interim Chair  
Biology Program  
(805) 437-8458  
[amy.denton@csuci.edu](mailto:amy.denton@csuci.edu)

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cafépress<sup>®</sup>  
.com

Shipping To:  
Catherine E. Hutchinson  
1 University Drive  
Biology  
Camarillo, CA 93012

Order # 72136498  
Date: 12/1/2008 5:24 PM  
Ship: Standard

Item # and Description	Qty	Each	Total
mars www.cafepress.com/earthmars.329470388	2	\$17.99	\$35.98
		Shipping:	\$7.40
		Tax(CA):	\$3.15
		TOTAL:	\$46.53

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234  
California State University Channel Islands  
Check Request Form

To be used for transactions not requiring a purchase order, service agreement or travel & expense reimbursement

**MAKE CHECK PAYABLE TO:**

Name: Rachel Haymon

Address 1: 744 Sea Ranch Drive

Address 2: \_\_\_\_\_

City, State Zip: Santa Barbara, CA 93109

Amount: \$ 1000.00

PeopleSoft Vendor ID: \_\_\_\_\_  
Note: New vendors must complete a Form 204

**Check Instructions:**

- ☐ Mail to payee  
☒ Pick up at Cashier - Ext 3253  
☐ Mail attachments with check - include copies

Description to appear on reports (30 characters)  
Haymon Honorarium

**TYPE OF PAYMENT:**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Advertising                   | <input type="checkbox"/> Lodging (Camarillo area) ** | <input type="checkbox"/> Subscription/Periodical         |
| <input type="checkbox"/> Art Model                     | <input type="checkbox"/> Membership/Dues             | <input type="checkbox"/> Tax Remittance*                 |
| <input type="checkbox"/> Bank Fee*                     | <input type="checkbox"/> Parking                     | <input type="checkbox"/> Utility/Telephone               |
| <input type="checkbox"/> Freight/Postage               | <input type="checkbox"/> Payroll                     |  |
| <input checked="" type="checkbox"/> Honorarium/Speaker | <input type="checkbox"/> Permit/License              | <input checked="" type="checkbox"/> IRA Activity         |
| <input type="checkbox"/> Interpreting/Note taking      | <input type="checkbox"/> Registration/Conference     | <input type="checkbox"/> Other- <u>must</u> be explained |

\*Accounting Use Only

\*\*Hampton Inn/Country Inn/Courtyard Marriott

**DESCRIPTION AND/OR EXPLANATION OF PAYMENT:**

Honorarium for guest speaker for IRA Sponsored Event. Payee Data Form previously faxed to Procurement (and attached here). Offer letter attached.

**ACCOUNTING & APPROVAL:**

Account	Fund	Dept ID*	Program	Class	Project/Grant**	Amount
613802	TK910	720	90200			\$1,000.00
Total						\$1,000.00

\*Depts. 2xx,3xx,4xx,6xx, require additional approval by VP Finance & Admin.; dept 9xx requires approval by Budget Dir.

\*\*SA901 Grant requires additional review by Grants/Contracts Administrator

Requestor: Mary Devins  
Printed Name & Extension

Mary Devins  
Signature

11/14/00  
Date

Approver: Dan Wakelee  
Printed Name & Extension

Dan Wakelee  
Signature

4/17/06  
Date

Approver:  
(If required) \_\_\_\_\_  
Printed Name & Extension

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

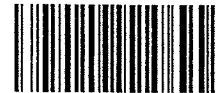




**COST RECOVERY**  
**EVENT**  
**Work Order**

12/5/2008

**CR-EV**  
**012705**



012705

Location ID : 011-0150 ALISO HALL, 1ST FLOOR, AUDITORIUM 150 Room:  
Equipment ID : Requester: MARY DEVINS  
Serial : Contact: MARY DEVINS  
PM Number: Phone : 3253  
Account: 660832-TK910-720-90200-00000-00000

Request : EVENT: BIOLOGY & GEOLOGY SCIENCE SYMPOSIUM ON FRIDAY NOV. 21 IN ALISO HALL  
150 FROM 12:30PM TO 5:00PM.

Status : COMP	Open Date : 11/14/2008	Procedure :
Priority : 3	Comp Date : 12/3/2008	Craft : LABORERS
Assigned :	Target Date :	Crew :

**Actuals Hours (4.25) \$104.07 Materials \$0.00 Tools \$0.00 Service \$0.00 Total \$104.07**

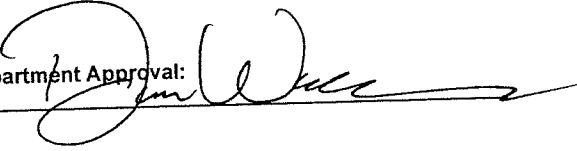
Tasks					
Task #	Desc	Memo	Account		
1	LABORERS: DELIVER 5 RECTANGULAR TABLES AND 5 FOLDING CHAIRS.				
2	CUSTODIANS: DELIVER 2 TRASH CANS AND 2 RECYCLE CANS.				
3	CARPENTERS: HANG BANNER PICK UP IN ALISO 106				
Labour					
Employee	Craft	TransDate	Description	Account	Hours
AMES1	FAC	11/21/2008	HANG BANNER AT ALISO HALL	580094-GD901-330-00000-00000-00000	0.25
DCAR2	LAB	11/21/2008	DELIVER TABLES AND CHAIRS TO ALISO HALL FOR EVENT	580094-GD901-340-00000-00000-00000	1
DCAR2	LAB	11/24/2008	PICK UP TABLES AND CHAIRS FROM ALISO HALL	580094-GD901-340-00000-00000-00000	1
GGON1	CUS	11/21/2008	ALISO HALL DELIVER TRASH AND CANS	580094-GD901-340-00000-00000-00000	0.5
GGON1	CUS	11/24/2008	PICKED UP TRASH AND RECYCLE CANS	580094-GD901-340-00000-00000-00000	0.5
SCON1	LAB	11/24/2008	PICKED UP TABLES & CHAIRS IN ALISO HALL	580094-GD901-340-00000-00000-00000	1

**Credit Summary**

Account	Amount
	\$0.00
580094-GD901-330-00000-00000-00000	\$7.18
580094-GD901-340-00000-00000-00000	\$96.89
Grand Total:	\$104.07

Comp Remark:  
COMPLETED

<input checked="" type="checkbox"/> Complete	EQ Meter:	By:	Date: 12/3/2008	Hours: 4.25
--	-----------	-----	-----------------	-------------

Department Approval: 

Date: 12.11.08

SIGN AND RETURN TO OPC



California State University Channel Islands  
Check Request Form

234

To be used for transactions not requiring a purchase order, service agreement or travel & expense reimbursement

MAKE CHECK PAYABLE TO:

Name: John Grotzinger

Address 1: 1260 Encino Drive

Address 2: \_\_\_\_\_

City, State Zip: San Marino, CA 91108

Amount: \$ \$1000.00

PeopleSoft Vendor ID: \_\_\_\_\_  
Note: New vendors must complete a Form 204

Check Instructions:

- ☐ Mail to payee  
☒ Pick up at Cashier - Ext 3253  
☐ Mail attachments with check – include copies

Description to appear on reports (30 characters)  
Grotzinger Honorarium

TYPE OF PAYMENT:

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Advertising                   | <input type="checkbox"/> Lodging (Camarillo area) ** | <input type="checkbox"/> Subscription/Periodical         |
| <input type="checkbox"/> Art Model                     | <input type="checkbox"/> Membership/Dues             | <input type="checkbox"/> Tax Remittance*                 |
| <input type="checkbox"/> Bank Fee*                     | <input type="checkbox"/> Parking                     | <input type="checkbox"/> Utility/Telephone               |
| <input type="checkbox"/> Freight/Postage               | <input type="checkbox"/> Payroll                     |  |
| <input checked="" type="checkbox"/> Honorarium/Speaker | <input type="checkbox"/> Permit/License              | <input checked="" type="checkbox"/> IRA Activity         |
| <input type="checkbox"/> Interpreting/Note taking      | <input type="checkbox"/> Registration/Conference     | <input type="checkbox"/> Other- <b>must</b> be explained |

\*Accounting Use Only    \*\*Hampton Inn/Country Inn/Courtyard Marriott

DESCRIPTION AND/OR EXPLANATION OF PAYMENT:

Honorarium for guest speaker for IRA sponsored event. Payee Data Form previously faxed to Procurement (and attached here). Offer letter attached.

ACCOUNTING & APPROVAL:

Account	Fund	Dept ID*	Program	Class	Project/Grant**	Amount
613802	TK910	720	90200			\$1,000.00
Total						\$1,000.00

\*Depts. 2xx,3xx,4xx,6xx, require additional approval by VP Finance & Admin.; dept 9xx requires approval by Budget Dir.

\*\*SA901 Grant requires additional review by Grants/Contracts Administrator

Requestor: Mary Devins x 3253

Printed Name & Extension

Mary Devins  
Signature

11/18/08  
Date

Approver: Dan Wakelee

Printed Name & Extension

Dan Wakelee  
Signature

\_\_\_\_\_  
Date

Approver:

(If required)

\_\_\_\_\_  
Printed Name & Extension

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**BIG SHOTS**

3201 Corte Malpaso  
Suite 307  
Camarillo, CA 93012  
805-484-9111

234

**Invoice**

Date	Invoice #
11/6/2008	3430

**Bill To**

CSUCI  
Attn: Catherine Hutchinson  
One University Drive  
Camarillo, CA 93012-8599

**Ship To**

CSUCI  
One University Drive  
Camarillo, CA 93012-8599

**P.O. No.****Terms****Ship Date**

Credit Card

11/6/2008

Quantity	Description	Rate	Amount
1	Mars Banner: 120" x 48" Full color UV print on 15-mil nylon reinforced vinyl scrim, Trim to size, Reinforced Ends, Grommets on each corner with wind slits. Tube packed	283.45	283.45T

PAID  
11/10/08  
VISA

We appreciate your business!

Subtotal

\$283.45

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Sales Tax (7.25%)

\$20.55

**Total****\$304.00**



234

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Shipping To:  
Catherine E. Hutchinson  
1 University Drive  
Biology  
Camarillo, CA 93012

Order # 70546882  
Date: 11/13/2008 3:29 PM  
Ship: Premium

Item # and Description	Qty	Each	Total
mars www.cafepress.com/earthmars.329470388	1	\$17.99	\$17.99
mars www.cafepress.com/earthmars.329470388	1	\$17.99	\$17.99
mars www.cafepress.com/earthmars.329470388	1	\$17.99	\$17.99
mars www.cafepress.com/earthmars.329470388	1	\$20.99	\$20.99
Shipping:			\$19.00
Tax(CA)			\$6.81
TOTAL:			\$100.77

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**BIG SHOTS**  
3201 Corte Malpaso  
Suite 307  
Camarillo, CA 93012  
805-484-9111

234

## Invoice

Date	Invoice #
12/11/2008	3513

### Bill To

CSUCI  
Attn: Catherine Hutchinson  
One University Drive  
Camarillo, CA 93012-8599

### Ship To

CSUCI  
One University Drive  
Camarillo, CA 93012-8599

P.O. No.

Terms

Ship Date

Credit Card

12/11/2008

### Quantity

1

Mars Poster: 2  
Laminate and  
and Kraft wrap

Rate

Amount

te UV  
rim to size

28.26

28.26T

Hi Mary.  
These are my last 2  
items that were charged  
to the vendor line  
for the Fall '08 Science  
Symposium.

Cathy H.

12/11/08

m/c

Thank you for your business.

Subtotal

\$28.26

[www.bigshotsdigital.com](http://www.bigshotsdigital.com)

Sales Tax (7.25%)

\$2.05

**Total**

**\$30.31**