Optics-Ed
Fall 2002 Meeting

An examination of grass-roots needs and entities to leverage for maximum return on effort and longevity.

December 19th, 2002 - 7PM
Oak Grove High School, Room S4
285 Blossom Hill Road, San Jose

bob.dahlgren@ieee.org

Agenda

- Welcome & Introductions
- Administrative Matters
- Formation of Organization
- 2003 Officer Election
- Old Business
- New Business
- Adjourn

Welcome

- Thank you for coming to the meeting!
- Please introduce yourself and sign in.
- Your participation and feedback are highly valued – don't be shy.
- Be courteous, please silence cell phones.
- Participatory process – no one dominates.
- Parliamentary procedure based on "Robert's Rules of Order"

Administrative Matters

- Chairman's report
- Treasurer's report
- Web/email report
- Other liaison reports
- Operating rules
- Motion to adopt agenda
- Motion to adopt last meeting minutes

Chairman's Report

Who We Are

- Technical societies and associations
- K-12 science teachers
- 3rd-party facilitators
- Manufacturers of kits and materials
- Grass-roots science workshops
- University and government programs
- Local Corporations
- Science museums

East S.J. schools need resources to develop science fair projects

Source for new scientists needs money for paper towels

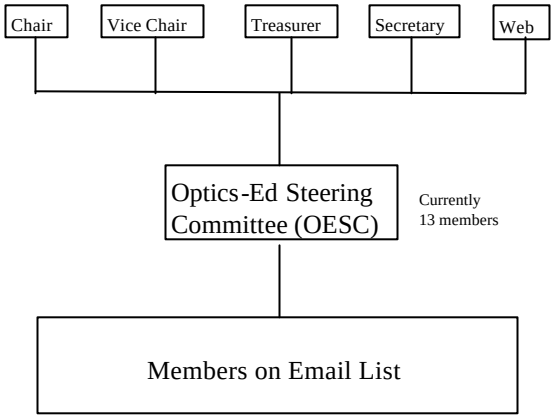
■ RODRIGUEZ

Copyright © 1999 San Jose Mercury News. All rights reserved. Reproduced with permission.

What we are

- An informal group of people
- Operating as an *ad hoc* organization
- Operating with *ad hoc* rules
- No legal standing of our own
- Not recognizable by external entities

Interim Structure



OESC Make-up

OESC MEMBER	MEMBER REP	BRINGS TO TABLE
California Science Teacher's Association	Richard Filson	Promotion of Projects to STEM teachers
The Exploratorium	Paul Doherty	Review of Projects for safety, ergonomics, etc.
SJ East Side Union High School District	Heidi Black	Input from 400+ science teachers
IEEE Santa Clara Valley K12 Committee	David Fong	Assistance with funding, web site
IEEE SCV Laser & Electro-Optics Society	Bob Dahlgren	Leadership, technical review

Lawrence Livermore National Laboratory	Dick Farnsworth	Technical review, kits, training
The Optical Society of Northern California	Paul Griffiths	Leadership, technical review
IPC	Edwin El-Kareh	Vision, fundraising experience.
Resource Area for Teachers (RAFT)	Paul Grossi	Meeting/training space, circulation of kits, etc.
Schmahl Science	Belinda Schmahl	Focus groups, testing of projects
San Jose City College	Sydney Sukuta	Post-secondary perspective
San Jose State University	Dan Walker	Training space, college of ed perspective
Silicon Valley Engineering Council	Cliff Monroe	Promotion, linkages

Mission Statement

- Help to generate the wonder and excitement of optics for students in school and beyond.

Tagline

- Recruiting young minds to the ‘Order of Photonics Wizards’

Operational Mission Statement

- Create a framework for interaction that leverages existing local resources in such a way to create a sustainable, low maintenance K-12 optics outreach program that is scalable, durable, flexible, and affordable.
- Explore, develop, and support members of the community that want to be part of a science outreach program.
- Coordinate with local industry and other local STEM organizations in reaching out to our educators in order to meet their needs.
- Coordinate with meta-organizations such as professional societies, foundations, and government agencies for support, content, and best practices.

Desirable Outcomes

- Create an optics outreach program (OP) that creates excitement in Middle and High School teachers and students which leads to an increase in STEM studies.
- Encourage K-12 studies Science Technology Engineering and Mathematics (STEM).
- Attract historically under-represented groups to STEM.
- Prime the education pipeline for post-secondary schools.
- Build connections & linkages between local OP entities, creating a framework for interaction.
  - Teachers, students, parents, and other users of content
  - Prof. societies, volunteers, content, and other resources
  - Foundations, programs, distributors, and facilitators
- Organize competitions, optics activities, science fair prizes.

Progress Since Last Meeting

- Optics-Ed Steering Committee formed.
- Identified local players with resources for distribution, focus groups, evaluation, and promotion – who joined OESC.
- Interim officers and philosophy adopted.
- Adopted draft mission statement.
- OESC email reflector established.
- Updated the Web site.
- Funding for kits never materialized from industry.
- Still looking for real funding.

Progress Since Last Meeting

- 2 judges for 3/2/2002 Sciencepalooza.
- David Fong established K-12 Fund within the IEEE Foundation, which is a 501(c)3 foundation.
  - Permits tax-deductible donations
- $520 donated to K-12 Fund, earmarked for Project #2002-1 – Radio Shack Account.
- Radio Shack account established and endowed.
- Flow chart and forms created, for teachers to apply for Radio Shack "NanoGrant" maximum $10.00
- Officers have discussed membership, bylaws and structure with LEOS, OSA and CPO executives.

Treasurer's Report

Treasurer's Report

- David Fong (acting)
- Inflows
  - Donation $100 from LEOS 2/26/02
  - Donation $100 from SVP 2/26/02
  - Donation $20 from David Fong 3/17/02
  - Donation $200 from IEEE Santa Clara Valley 12/6/02
  - Donation $100 from LEOS 11/26/02
- Outflows
  - Disbursed $220 to Radio Shack account 5/13/02
  - Disbursed $200 to Radio Shack account 12/6/02

Web/Email List Report

Email List

- IEEE majordomo account.
- Currently 96 members
- Edwin El-Kareh currently maintains list.
- Purpose of list is to permit dissemination of Optics-Ed announcements, and to facilitate dialog.
- Subject to IEEE “Acceptable Use Practices”

❖ optics-ed@ieee.org

To Join Email List

- Send an email to

  majordomo@majordomo.ieee.org

- With

  subscribe optics-ed
  end

  or

  subscribe optics-ed your@addr.com
  end

  in the body of the message

Web Site

- Piggybacking off of local IEEE hosting.
- Bob Dahlgren set up html-based page and is acting webmaster.
- Purpose of site is to catalog Optics-Ed info, and serve as pointers to key web sites.

❖ www.ewh.ieee.org/r6/scv/k-12/optics.html

WELCOME TO THE SILICON VALLEY OPTICS EDUCATION WEB SITE

courtesy

The Santa Clara Valley Chapter of the IEEE Lasers & Electro-Optics Society (LEOS)

and

The Optical Society of Northern California (OSNC)

This web site is to facilitate the dissemination of optics and photonics information; for teachers, volunteers, donors, science museums, science education facilitators, and policy makers.

Optics-Ed Steering Committee

5/7/2000 Presentation

2/21/2002 Presentation

3/26/2002 Presentation

Optics Education Reflector

Teacher's Workshop at Photonics West

acv_issue_8.17 Reflector

IEEE K-12 Website

IEEE Precollege Education

Optics Education Resources

OSA Optics for Kids

Please send feedback, suggested resources, notices, and information to:

SUBMIT AN ADDITION

Tax-deductable donations, such as cash, equipment, stock can be sent to:
SUBMIT A DONATION

OPTICS ED STEERING COMMITTEE

Below are the members of the Optics-Ed Steering Committee and their representatives:

California Science Teacher's Association	Richard Filson
The Exploratorium	Paul Doherty
San Jose East Side High School District	Heidi Black
The IEEE Santa Clara Valley IEEE K-12 Education Committee	David Fong
Santa Clara Valley chapter of IEEE/LEOS	Bob Dahlgren
Lawrence Livermore National Laboratory	Dick Farnsworth
The Optical Society of Northern California	Paul Griffiths
The Perham Foundation	Edwin El-Kareh
Resource Area for Teachers	Paul Grossi
Schmahl Science	Belinda Schmahl
San Jose City College	Sydney Sakuta
San Jose State University	Dan Walker
Silicon Valley Engineering Council	Cliff Monroe

To send an email to the committee Click Here

OLD BUSINESS

(Organization)

Motions

- No bylaws or structure are in place
- Operating under interim rules
- Motions numbered e.g. 2002A
  - Formation
  - Agenda
  - Minutes
  - Web Site

Interim Voting Rules

- Parliamentary procedure based upon “Robert’s Rules of Order”
- Optics-Ed steering committee (OESC) members have voting rights.
- Non-OESC members contribute to discussion and participate in straw polls.
- Absent OESC members may provide absentee ballot(s) or a proxy statement to the secretary prior to the meeting.
- Simple majority of eligible voters to pass motion.

Motion 2002A

- Motion to form Optics-Ed.

  (simple motion)

Moved: Dahlgren Seconded: Griffiths

For 5 Against 0 Abstain 0 Pass X Fail ___

Motion 2002B

- Motion to adopt agenda issued on 12/19/2002.

  (see full text)

Moved: Dahlgren Seconded: Griffiths

For 5 Against 0 Abstain 0 Pass X Fail ___

Motion 2002C

- Motion to approve February meeting minutes issued on 12/17/2002

  (see full text)

Moved: Dahlgren Seconded: Griffiths

For 5 Against 0 Abstain 0 Pass X Fail ___

Motion 2002D

- Motion to adopt email lists and content on WWW site
- Comment: Repair broken links
- Friendly Amendment: the URL is www.ewh.ieee.org/r6/scv/k-12/optics.html

Moved: El-Kareh Seconded: Dahlgren

For 5 Against 0 Abstain 0 Pass X Fail ___

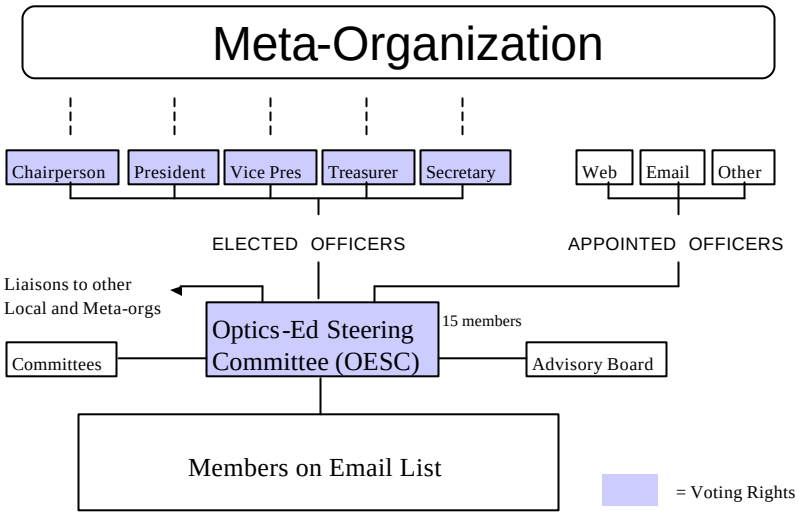
Old Business

- Motions to establish Optics-Ed and OESC
- If bylaws are not ready:
  - Motions to establish/instruct bylaws committee
  - Election of 2003 interim officers
- If bylaws are ready:
  - OESC votes on bylaws
  - If approved, elect officers
- Call for additional OESC members

Need for bylaws

- Provides organizational structure
- Defines membership
- Defines steering committee, officers, terms
- Defines who can vote
- Provides operating guidelines
- Provides legitimacy and protection
- Enables future growth

Proposed Structure



Proposed Membership Definition

- Open membership
- “Involvement” in science education
- Requirement of a valid email address
- Agrees to IEEE “acceptable use” policy
- No attendance requirement
- No dues
- Members cannot vote on motions
- Members may participate in straw polls, etc.
- Membership may be revoked by OESC or officer

Proposed OESC Definition

- Fifteen members (currently 13)
- Led by a Chairperson
- Members nominated by a current OESC member
- Requirement to be “active” in the group
- “Grandfather” in current members - staggered
  - 1/3 for 1 year initial term, starting in 2003
  - 1/3 for 2 year initial term, starting in 2003
  - 1/3 for 3 year initial term, starting in 2003
- After that, 3-year terms for OESC members

Responsibilities of OESC

- Runs the organization
- Controls the money
- Listen to membership
- Vote on motions
- Vote on elected officers
- Assign appointed officers
- Form an advisory board
- Form committees

OESC Organization Diversity

- Nominees for the OESC must declare whom they represent, along with any conflicts and affiliations with current OESC members.
- No more than four (4) OESC members shall represent the same entity, company, or wholly-owned subsidiary.
- Nominees not accepted unless 5th person agrees to resign at the end of their term.
- In case of acquisition, 5th person abstains.
- Officers and OESC members can be removed.

Responsibilities of Officers

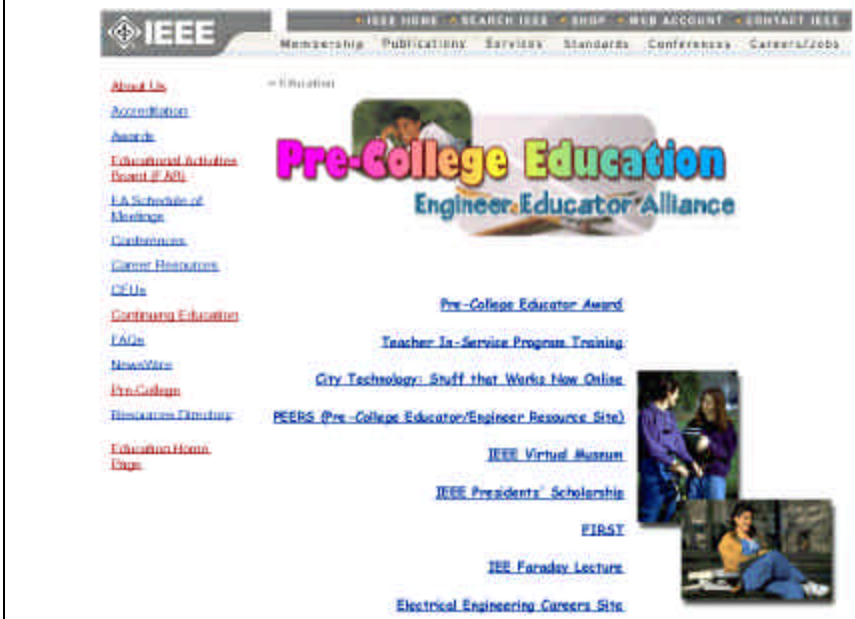
- Elected officers are subset of the OESC.
- It is preferable that elected officers are also members of a meta-organization.
- Responsible for oversight of the OESC.
- Ensures IRS rules are adhered to.
- Ensures Cal rules are adhered to.
- Ensures meta-organization's rules are adhered to.
- Elected officers vs. appointed officers

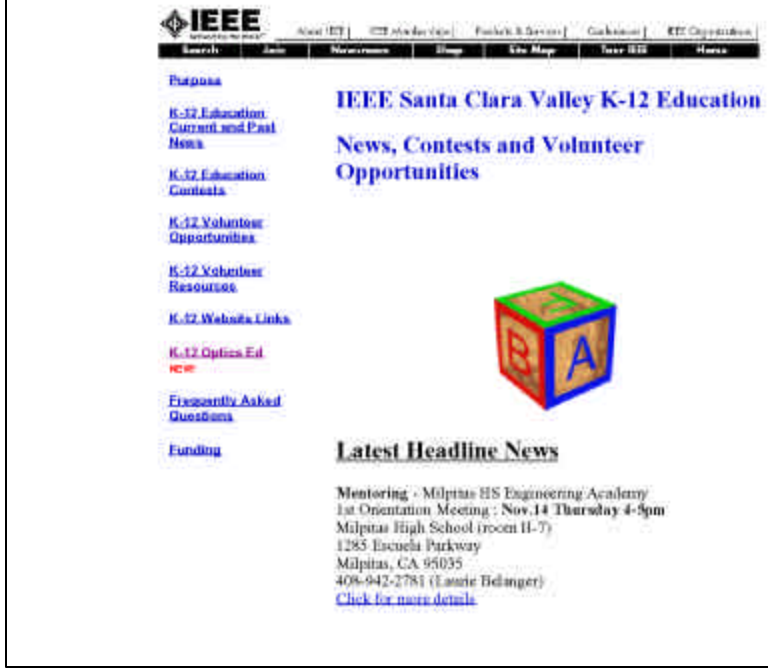
Other Issues

- Definition of quorum?
- Currently 2 annual meetings
  - Fixed dates in February and August.
- How to submit and vote on motions?
- Non-voting advisory board for luminaries.
- How to dovetail into a meta-organization?

Meta-Organizations

(Web Page Snapshots)

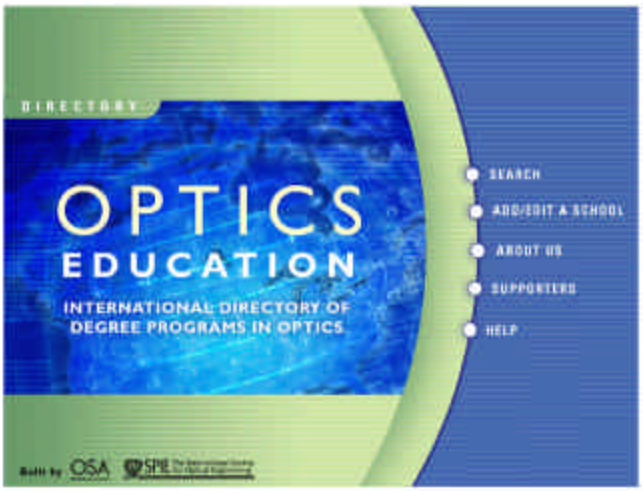

IEEE
Membership Publications Services Standards Conferences Careers/Jobs
About Us
Accreditation
Awards
Educational Activities Board (EAB)
EA Schedule of Meetings
Conferences
Career Resources
CEUs
Continuing Education
FAQs
NewsWire
Pre-College
Resources Directory
Education Home Page
Pre-College Education
Engineer.Educator.Alliance
Pre-College Educator Award
Teacher In-Service Program Training
City Technology: Stuff that Works Now Online
PEERS (Pre-College Educator/Engineer Resource Site)
IEEE Virtual Museum
IEEE Presidents' Scholarship
FIRST
IEE Faraday Lecture
Electrical Engineering Careers Site

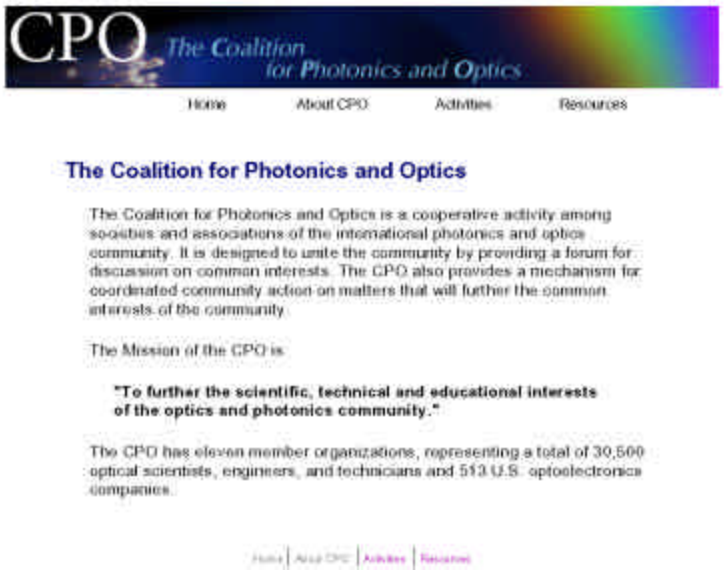

IEEE
Purpose
K-12 Education Current and Past News
K-12 Education Contests
K-12 Volunteer Opportunities
K-12 Volunteer Resources
K-12 Website Links
K-12 Optics Ed
Frequently Asked Questions
Funding
IEEE Santa Clara Valley K-12 Education
News, Contests and Volunteer Opportunities
Latest Headline News
Mentoring - Milpitas HS Engineering Academy
1st Orientation Meeting : Nov.14 Thursday 4-5pm
Milpitas High School (room H-7)
1285 Escuela Parkway
Milpitas, CA 95035
408-942-2781 (Laurie Belanger)
Click for more details

IEEE LEOS
powered by studiogues1.net
LEOS
Conferences
Journals
Membership
Chapters
Students
Careers/Jobs
Awards
Education
HOME
MY ILEOS
NEWS
FINANCIAL
WEATHER
TECHNOLOGY
SEARCH
eCALENDAR
OPEN FORUM
Search For:
Go!
Search The Web
Search LEOS
Related Sites
IEEE
Lasers and Electro-Optics Research Opportunities
for Primary and Secondary School Teachers
Introduction:
This program is a new LEOS activity that will support active participation by primary and secondary school teachers of science and mathematics in research and education projects in any of the fields involving lasers and electro-optics. The intent of this endeavor is to facilitate professional development of primary and secondary school teachers through strengthened partnerships between institutions of higher education, local school districts, and LEOS.
What is the format of the proposal?
A three-page proposal for funding must be submitted by the host faculty member. The description of the activity (one-page) should clearly articulate in detail the form and nature of the prospective teacher's involvement in the host?s ongoing or proposed research. For example, the teacher may participate in the design of new experiments, modeling and analysis of experimental data, algorithm and software development, and other activities that will result in intellectual contributions to the project. Since it is expected that this program will also lead to transfer of new knowledge to classroom activities, the description should also indicate what sustained follow up would be provided to help in translating the teacher's research experience into classroom practice. A one-page biographical sketch of the teacher and a one-page budget should also be included.
Funding level and duration of the program:
The duration of the program will be one year and the project may be carried out during summer months, during the academic year, or both. The total benefit of the program is limited to $10,000 per proposal and will be adjusted to account for the World Bank category of the country in which the work will be carried out. The budget includes:
a. Teacher's stipend (limited to the equivalent of two months of the teacher?s salary), up to $7200
b. Materials, equipment, supplies, software, $1000
c. Administrative allowance (limited to 25 % of (a)), up to $1800
Program output:
The participants in the program will be expected to provide a brief final report upon completion of the work. In addition, copies of classroom materials, such as lesson plans, demonstration outlines and parts lists, PowerPoint presentations, etc. should be made available to LEOS for distribution to other primary and secondary school teachers around the world.

OSA
OPTICAL SOCIETY OF AMERICA
Education Outreach
Jump To...
Site Search...
GO
Site Help
OpticsForKids.org
OpticsEducation.org
K-12 Initiatives
National Science Foundation
Educational Materials
Education Events
Professional Development

SPIE Web
Students & Educators
Students & Educators
OPTICS COMMUNITY SERVICES
Connect with new talent: Reach the best and brightest at SPIE's conferences.
SPIE/OSA optics education blueprint workshops complete
SPIE JOURNALS


DIRECTORY
OPTICS
EDUCATION
INTERNATIONAL DIRECTORY OF DEGREE PROGRAMS IN OPTICS
SEARCH
ADD/EDIT A SCHOOL
ABOUT US
SUPPORTERS
HELP
Built by OSA SPIE



What Meta-Organizations Can Do

- Provides legitimacy, structure, bylaws template, etc.
- Provide liability protection for officers and OESC.
- Provide staff support to supplement volunteers.
- Provide web site, 501(c)3, mail drop, email reflector.
- Create master lists for nationwide resources.
- Generate/improve high-quality content for teachers.
- Share best practices from other OPs.
- Coordinate our OP with other OPs.
- Career push to parents and councilors.
- Get CEOs to push volunteerism.

Motion 2002E

- Motion to form organizing committee, chaired by Edwin El-Kareh.
- Prepare resolution of formation and bylaws.
- Drafts by 2/1/03, for voting at next meeting.
- Bylaws consistent with previous slides and other input from members to the degree possible, and TBD meta-organization.

Moved: Dahlgren Seconded: Black

For 5 Against 0 Abstain 0 Pass X Fail ___

2003 Officer Elections

Current Officer List

- Chairperson – Robert Dahlgren
- Vice-Chairperson – Paul Griffiths
- Treasurer - OPEN
- Secretary – Paul Grossi
- List Owner – Edwin El-Kareh
- Webmaster – OPEN
- Promotion – OPEN
- Membership – OPEN
- Resources – OPEN
- Fundraising – OPEN

Motion 2002F

- Motion to require only Chair, Vice-Chair, Treasurer, and Secretary be *elected officers*.
  - Webmaster, Email list manager, Promotion, Membership, Resources, and Fundraising positions would become *appointed officer* positions.
  - The OESC can now accept volunteers from the general membership and appoint them to officer positions.
  - The OESC create or delete committees, working groups, and appointed officer positions.

Moved: Dahlgren Seconded: Sukuta

For 5 Against 0 Abstain 0 Pass X Fail ___

2003 OESC Officer Slate

- Nominated Chairperson – Paul Griffiths
- Nominated Chairperson – _____
- Nominated Vice-Chair – Edwin El-Kareh
- Nominated Vice-Chair – _____
- Nominated Treasurer – David Fong
- Nominated Treasurer – _____
- Nominated Secretary – Heidi Black
- Nominated Secretary – _____

Officer Elections

- Nominations accepted at or prior to meeting.
- For each office
  - Nominees must be an OESC member and accept the nomination
  - Nominees may make statement
  - Nominees leave room during voting
- Voting by OESC members present
- One person one vote (no Chicago rules)
- Secretary tallies and announces result

2003 Elected Officer Results

- Chairperson – Paul Griffiths
- Vice-Chair – Edwin El-Kareh
- Treasurer – David Fong
- Secretary – Heidi Black

2003 Appointed Officer Results

(Contact Cathy Werle at SJCC about student)

- Nominated Webmaster – _____
- Nominated Email-List Manager – _____
- Nominated Promotion Manager – _____
- Nominated Membership Manager – _____
- Nominated Resources Manager – _____
- Nominated Fundraising Manager – _____

NEW BUSINESS

(Old Projects)

New Business

- Motion for Optics-Ed mail address
- Motions on projects #2002-1
  - Authorize and announce Science NanoGrant
- Motions on projects #2002-2
  - Close out this project
- Motions on projects #2002-3
  - Authorize resource book
- Motion to submit manuscript to ETOP'03
- Motion to endorse www.OpticsForKids.com

Mailing Address

- IEEE has regional office in Mountain View, that collects mail for the local chapters. For example

  IEEE Santa Clara Valley LEOS Chapter
  c/o IEEE-SFBAC
  540 University Avenue, #150
  Palo Alto, CA 94301

- IEEE provides this as a free service to chapters who request it

Motion 2002G

- Motion to authorize the Chairman to contact Marilyn Turner at the IEEE SFBAC (650-327-6622), to inquire about the use of mail forwarding for Optics-Ed.

Moved: Fong Seconded: Sukuta

For 5 Against 0 Abstain 0 Pass X Fail ___

Project #2002-1 – Consumables

- Problem
  - STEM teachers often spend their own cash on consumables such as batteries.
- Solution
  - Radio Shack account, endowed with donations.
  - *Teachers may request items, $10 maximum, until account is exhausted.*
  - Optics-Ed rep procures items and distributes.
- Needs
  - Donations to IEEE Foundation → K-12 Fund

Motion 2002H

- Motion to authorize Project #2002-1

(see previous slide)

Moved: El-Kareh Seconded: Sukuta

For 5 Against 0 Abstain 0 Pass X Fail ___

Optics-Ed Science Nanogrant

http://www.ewh.ieee.org/r6/scv/k-12/optics.html

Instructor: Fill out this portion before emailing to Optics-Ed representative. All fields are required.

Applicant _____

School _____

Address _____

Phone _____

Email _____

Proposal Number _____ (Obtain this from Optics-Ed representative)

Class year _____

Class title _____

Description of item(s) requested

Amount requested _____ estimated amount ☐

Purpose _____

Date _____

SAMPLE

INSTRUCTIONS: (1) obtain this form and proposal number from Optics-Ed representative; (2) fill out form using items from Radio Shack; (3) e-mail unsigned form to Optics-Ed representative; (4) upon approval applicant will be notified by email when items are ready for pickup; (5) sign printed form upon receipt.

Maximum amount of Nanogrant is ten US dollars ($10.00). Funds are limited. One Nanogrant per teacher. Instructors for grades 5 though 12 are eligible. A valid e-mail address is required. All decisions are final.

Items must be science, technology, engineering or mathematics related. Optics-related proposals are encouraged. Items must be consumable, for example batteries, light bulbs, LEDs, wire, resistors, lenses, and other small parts. Inappropriate items would include cash, appliances, media, and office supplies.

For Optics-Ed Use Only.

Project Number 001

Title Radio Shack Consumables Account

Grant Number _____ Grant Amount _____ Reconciled _____

Approved by _____ _____

Optics-Ed Committee Member Signature Date

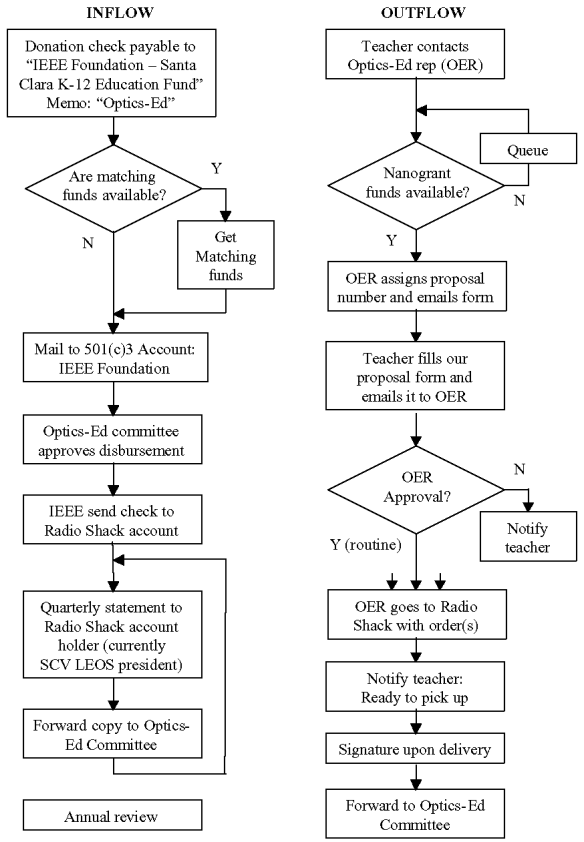
Do not sign below until directed to by Optics-Ed representative.

I certify that Nanogrant items will be used only for educational purposes, and release Optics-Ed from all liability.

Received by _____ _____

Teacher Signature Date

Optics-Ed representative: Heidi Strahm Black BlackH@exchange.esuhsd.org



Motion 2002I

- Motion to approve NanoGrant form and flow chart for Project #2002-1, and authorizes Heidi Black to be the interface ("Optics-Ed representative") to the teachers.

  (see previous slides)

- Friendly Amendment: Limit to public schools, add catalog number, and questionnaire.

Moved: Fong Seconded: Sukuta

For 5 Against 0 Abstain 0 Pass X Fail ___

Motion 2002J

- Motion to disburse $420 from 501(c)3 fund to Radio Shack, and announcement of project #2002-1, entitled "Optics-Ed Science NanoGrant"

Moved: El-Kareh Seconded: Fong

For 4 Against 0 Abstain 1 Pass X Fail ___

Project #2002-2 – Optics Kits

- Problem
  - Schools lack science equipment for optics.
- Solution
  - Study how optics is integrated into curricula and standards, and review and approve the optics kits.
  - Procure optics kits and donate to RAFT, who *circulates kits to middle and high schools, and maintains kits.*
  - Exploratorium will review kit materials.
  - Schmahl Science volunteered to be focus group.
  - Kit manufacturer will donate training materials.
  - Volunteers secured to provide required teacher training.
  - Lesson plans on www.OpticsForKids.com
- Funding from JDSU for kits did not materialize.

Motion 2002K

- Motion to close Project #2002-2 Optic Kits.
- Comment
  - Optics-Ed is free to re-authorize this project again when sufficient funding is received, or can be applied for.

Moved: Dahlgren Seconded: El-Kareh

For 5 Against 0 Abstain 0 Pass X Fail ___

Project #2002-3 – Resource Book

- Problem
  - STEM teachers and other consumers are often unaware of local (often free) resources.
- Solution
  - Generate resource booklet
  - Distribute to teachers
  - Mirror booklet on www
- Needs
  - Editor, chapter contributors
  - Help from National societies

Resource Book Contents

- Master Resource List for Teachers
  - Optics kits and equipment available.
  - Class lesson plans incorporating optics.
  - WWW sites, VHS, CD-Roms for content.
  - Career info for kids and councilors.
  - Volunteers, tours, speakers, mentors, etc.
  - Awards, funds, grants, recognition.
  - Optics workshops, boot camps, fairs, etc.
  - Essential books.
  - Training for teachers.

Resource Book Contents

- Living lists, maintained at local level
  - List of local teachers, schools, and projects, and what are their needs to encourage STEM.
  - List of local distributors, non-profits, OPs and what type of content and equipment is available.
  - List of local volunteer opportunities and companies that encourage volunteerism, tours, lectures, etc.
- Living lists, maintained at national level
  - Aggregated best practices for OPs.
  - Content for instructors, students, parents.
  - Pointers to navigate to the above local web sites.
  - Lesson plans meeting science education standards.

Motion 2002L

- Motion to authorize Project #2002-3

  (see previous slides)

- Friendly Amendment: Add disclaimer

Moved: Dahlgren Seconded: Black

For 5 Against 0 Abstain 0 Pass X Fail ___

Invited Paper

- Education Training in Optics and Photonics.
- ETOP series has been occurring since 1989.
- Tucson, Arizona, October 6-8, 2003
- Co-located this time with OSA Annual
- 10/29/2002 email from Jason Briggs (OSA) inviting us to present at ETOP'03
  - A paper on our vision and local activities
  - A paper on our perspective on how the national societies can facilitate outreach programs

www.ETOPonline.org

Motion 2002M

- Motion to form an ad-hoc committee, chaired by Sydney Sukuta, and authorize the submission of one or more presentations to ETOP'03 for consideration.
- Comment
  - Optics-Ed can't cover travel/registration costs.
  - Deadline for submission of title and abstract to the OSA will be before next OESC meeting.

Moved: El-Kareh Seconded: Sukuta

For ____ Against ____ Abstain ____ Pass __ Fail __

Optics For Kids Website

- OSA has created a great website.
- Lots of content for students and parents.
- Lesson plans for teachers.

www.OpticsForKids.com

Motion 2002N

- Motion to endorse www.OpticsForKids.com

  (see previous slides)

- Motion withdrawn for lack of a Second.

Moved _____ Seconded _____

For ____ Against ____ Abstain ____ Pass __ Fail __

Conclusion

- Call for new projects
- Call for committee members
- Next meeting
  - Thursday, February 20TH, 2003
- Review action items
- Adjourn