



AGENDA ITEM NO.  
**C4**

# COUNTY OF HUMBOLDT

For the meeting of: July 31, 2018

Date: July 20, 2018  
To: Board of Supervisors  
From: Supervisor Mike Wilson  
Subject: Informational Report on the Appointment of Patricia Lai to the Fish and Game Advisory Commission Representing District 3

RECOMMENDATION(S): That the Board of Supervisors receive and file the report.

SOURCE OF FUNDING: N/A

DISCUSSION: Supervisor Wilson is announcing his appointment of Patricia Lai to Humboldt County Fish & Game Advisory Commission to fill a vacancy with a term, expiring on June 30, 2021, representing District 3.

FINANCIAL IMPACT: N/A

OTHER AGENCY INVOLVEMENT: N/A

ALTERNATIVES TO STAFF RECOMMENDATIONS: Informational

ATTACHMENTS: Application and Current Fish & Game Advisory Commission Roster

Prepared by Tracy Damico

Signature

**REVIEW:**

Auditor \_\_\_\_\_ County Counsel \_\_\_\_\_ Personnel \_\_\_\_\_ Risk Manager \_\_\_\_\_ Other \_\_\_\_\_

**TYPE OF ITEM:**

Consent  
 Departmental  
 Public Hearing  
 Other \_\_\_\_\_

**PREVIOUS ACTION/REFERRAL:**

Board Order No. \_\_\_\_\_

Meeting of: \_\_\_\_\_

**BOARD OF SUPERVISORS, COUNTY OF HUMBOLDT**

Upon motion of Supervisor Fennell Seconded by Supervisor Wilson

Ayes Fennell, Wilson, Bass, Sundberg

Nays \_\_\_\_\_

Abstain \_\_\_\_\_

Absent Bohn

and carried by those members present, the Board hereby approves the recommended action contained in this Board report.

Dated: 7/31/2018

By: [Signature]  
Kathy Hayes, Clerk of the Board



CLERK OF THE BOARD DIVISION  
OF THE BOARD OF SUPERVISORS' OFFICE

## COUNTY OF HUMBOLDT

825 FIFTH STREET  
EUREKA, CALIF. 95501-1153

PHONE (707) 476-2384; 445-7299 (FAX)

### APPLICATION TO SERVE ON THE HUMBOLDT COUNTY FISH AND GAME ADVISORY COMMISSION

APPLICANT NAME: PATRICIA LAI  
MAILING ADDRESS: \_\_\_\_\_  
ARCATA CA 95521  
TELEPHONE: Home: \_\_\_\_\_ Work: \_\_\_\_\_ Fax: \_\_\_\_\_  
E-MAIL ADDRESS: P@MOTHEREARTHENGINEERING.COM  
OCCUPATION: Executive Director, Mother Earth Engineering

**PERSONAL REFERENCES:**

- (1) Arne Jacobson: arne.jacobson@humboldt.edu PHONE: \_\_\_\_\_  
(2) David Katz: dkatz95560@gmail.com PHONE: \_\_\_\_\_

PRIOR ADVISORY BOARD OR BOARD OF DIRECTORS EXPERIENCE? NO  YES

**PLEASE WRITE A BRIEF STATEMENT DESCRIBING WHY YOU'RE INTERESTED IN SERVING ON THE FISH AND GAME ADVISORY COMMISSION.**

I would like to be on the Fish and Game Advisory Commission to better serve the environment and my community.

First and foremost, for my love and respect of the earth - the land, the water, the air, the sky - my love and respect for all living things and for my child, his future generations, and the future generations of all life forms.

Second, is to represent my community. I would like to be a spokesperson/representative in order to share:  
1) the voices and perspectives of a wide variety of members of the public; 2) ground-truthed data.

Third, is to bring my personal unique perspective, skill set, and broad range of experience to the table. I am an engineer and an artist, a first-generation American of mixed descent. I am equally as comfortable and adept at helping put on an Electronic Dance Music party (Northern Nights Festival) as I am in the board room of a five-star hotel in Senegal with executives from the World Bank hashing out the details of an international Quality Assurance program (see attached CV). I have helped to set prescribed fires with the Yurok Tribe for cultural fire management, went quad riding with a member of one of the oldest ranch families in Ettersberg to register water rights, and regularly travel to Trinity Pines helping Hmong families understand regulations and enroll in the Water Board's Cannabis Program. My fluidity across many technical, social, and cultural spheres would be an excellent addition to the commission.

Many thanks for your consideration.

PLEASE ATTACH A CURRENT RESUME.

DATE: 5/5/17 SIGNATURE: 

I declare under penalty of perjury under the laws of the State of California that the above is true and correct

**SUBMIT THIS APPLICATION TO:**  
HUMBOLDT COUNTY FISH AND GAME ADVISORY COMMISSION, Clerk of the Board, 825 Fifth Street, Suite 111,  
Eureka, CA 95501-1153.

DATE TO SUPERVISOR \_\_\_\_\_ DATE APPROVED \_\_\_\_\_ NOT APPROVED \_\_\_\_\_  
3/25/2016

# PATRICIA LAI, E.I.T.

## EDUCATION

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M.S., Environmental Resources Engineering, Humboldt State University, pending  
B.S., Environmental Resources Engineering, Humboldt State University, 2012 [E.I.T. # 145614]  
B.A., International Development Studies, University of California at Berkeley, 2003

## WORK EXPERIENCE

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2016-present Executive Director/ Owner, Mother Earth Engineering, Arcata, CA  
2014-present Freelance Technical Consultant, P. Lai + Associates, Arcata, CA  
2008-2014 Engineering Researcher, Schatz Energy Research Center, Arcata, CA  
2007 Coffee Roaster, Humboldt Bay Coffee Company, Arcata, CA  
2007 Warehouse Laborer, Sun Valley Floral Farms, Arcata, CA  
Summer 2006 Volunteer, InterTeam, Mwanza, Tanzania  
2005-2006 Director of Development, Millennium Holdings, Hollywood, CA  
2004-2005 Executive Assistant, Investment House Realty, Albany, CA  
2003 Engineering Technician, Production Robotics, Oakland, CA  
2002-2003 Barista Catering, Espresso Subito, Kensington, CA  
2002-2003 Assistant Manager, Café di Bartolo, Oakland, CA  
Summer 2002 Corps member, California Conservation Corps, Klamath, CA  
2000-2002 Building Maintenance Assistant, UC Berkeley Housing, Berkeley, CA  
2001 Volunteer, various NGOs, Rio de Janeiro, Brazil  
2001 Executive Business English Teacher, various agencies, Rio de Janeiro, Brazil  
2000 Conversationalist for autistic client, Berkeley, CA  
1998-1999 Barista + Server, The Musical Offering, Berkeley, CA  
1997-1998 Barista, Coffee Cottage, La Verne, CA  
1997 Volunteer, Lanterman Center for the Developmentally Disabled, Pomona, CA

## COMPUTER SKILLS

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- Software: AutoCAD, StormCAD, SewerCAD, Google Sketch-up, EPANet, R, MODflow, FishXing, ArcGIS, MS Office, Quickbooks, Multiple Listing Service (MLS)
- Programming Languages: FORTRAN, Ruby-on-Rails, HTML
- Data: database design/development, data management, data analysis + visualization, watershed/hydraulic analysis, numerical methods, energy audits/ efficiency, field data collection

# PATRICIA LAI, E.I.T.

## FOREIGN EXPERIENCE

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- Languages: Advanced Spanish, Advanced Portuguese, Beginning French
- Paid + Volunteer Work: Senegal, Kenya, Tanzania, Brazil

## SELECTED PUBLICATIONS

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- *Journal of Industrial Ecology* (28 March 2014):

High Life Cycle Efficacy Explains Fast Energy Payback for Improved Off-Grid Lighting Systems

- *World Bank Lighting Africa/ Lighting Global* (2012-2014):

Author/ Co-author -

Protection from the Elements Part II: Drip Loops & Design

Battery Toxicity and Eco-Product Design

Data Analysis + Visualization -

Market Presence of Off-Grid Lighting Products: Insights from a study in Bihar and Odisha

Electronics Service Technicians in Kenya & Tanzania: Market Intel Note 3

## SELECTED COURSEWORK

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- *Engineering*: Water/wastewater Treatment Systems and Design, Constructed Wetlands/ Natural Water Treatment Systems and Design, Applied Hydraulics, Advanced Numerical Methods, Engineering Graphics (AutoCAD), Building Energy Efficiency, PV Systems, Solar Hot Water
- *Natural Resource*: Forest Road Location and Design, Survey + Mobile Mapping, Intermediate GIS
- *Humanities*: Non-Violence, City Planning, Urbanization in Developing Countries, Development + Globalization, Cultural Anthropology Field Research Methods, Environmental Economics

## OTHER HIGHLIGHTS

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- *Presenter*: World Bank International Off-Grid Lighting Conference, Dakar, Senegal (2012)
- *Quality Assurance*: Participation in the development of testing methods to assess the quality of lighting products, with a primary focus on solar LED lights destined for African markets. This testing method is now a standard accepted by the International Electrotechnical Commission.
- *Tech Transfer*: Travel to the University of Nairobi to install a light testing lab and to train technicians on equipment use, testing procedures, and documentation.

**FISH AND GAME ADVISORY COMMISSION**

**AUTHORITY:** Formed July 10, 1956, by Board Order, and reorganized by Board Order on June 3, 1964; Ordinances 682, 1660, 1665, and 2050

**APPOINTING POWER:** Board of Supervisors

**MEMBERS:** Fifteen (15) – The Supervisor of each District shall appoint three (3) members (not required to live in District). Serve at POB. The BOS *may* appoint up to five (5) associate non-voting members that serve at the pleasure of the Board.

**QUALIFICATIONS:** Interest in County issues regarding fishing and game hunting

**TERM:** Terms Expire on June 30<sup>th</sup> - Four (4) Year Staggered Terms (Dist 1, 2, 3 and Dist 4, 5 expire 3 years apart)

**FUNCTION:** Established to serve in an advisory capacity to the Board of Supervisors in all matters concerning fish and wildlife within the County of Humboldt.

**DISCLOSURE CATEGORIES:** 6 and 7

<b><u>NAME</u></b>	<b><u>APPOINTED</u></b>	<b><u>REAPPOINTED</u></b>	<b><u>EXPIRES</u></b>
<b><u>DISTRICT 1</u></b>			
<b>DR. DENVER NELSON</b>	12/07/93	07/25/06 01/04/11 07/01/14 07/10/18	06/30/22
Eureka, CA 95503  <a href="mailto:dennel@suddenlink.net">dennel@suddenlink.net</a>			
<b>TED ROMO</b>	04/16/2013	07/01/14 07/10/18	06/30/22
Eureka, Ca. 95503  blackbrantsky@yahoo.com			
<b>BRAD SMITH</b>	12/09/14	07/10/18	06/30/22
Eureka, Ca. 95503  <a href="mailto:brad@pacificoutfitters.com">brad@pacificoutfitters.com</a>			
<b><u>DISTRICT 2</u></b>			
<b>JOHN CLARK</b>	06/20/89	07/25/06 01/25/11 06/23/15	06/30/19
Redcrest, CA 95569  <a href="mailto:Tjflint38@yahoo.com">Tjflint38@yahoo.com</a>			
<b>PHIL GRUNFRT</b>	06/20/89	01/25/11 6/23/15	06/30/19
Fortuna, CA 95540  <a href="mailto:philgrunert@att.net">philgrunert@att.net</a>			

<b>NAME</b>	<b>APPOINTED</b>	<b>REAPPOINTED</b>	<b>EXPIRES</b>
<b>MARRRY VAUGHN</b> Miranda. CA 95553 <a href="mailto:mrhvaughn@gmail.com">mrhvaughn@gmail.com</a>	01/12/99	07/25/06 12/07/10 03/28/17	06/30/19

**DISTRICT 3**

<b>Dr. Hollie Hall</b> Arcata Ca 95518 <a href="mailto:HollieRHall@gmail.com">HollieRHall@gmail.com</a>	<b>6/13/17</b>		<b>6/30/21</b>
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<b>WES MOORE</b> Bridgeville, Ca. 95526 1moore@saber.net	<b>7/25/17</b>		<b>6/30/21</b>
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<b>PATRICIA LAI</b> Arcata, Ca. 95521 <a href="mailto:p@motherearthengineering.com">p@motherearthengineering.com</a>	<b>7/31/18</b>		<b>6/30/21</b>
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**DISTRICT 4**

**VACANCY**

**VACANCY**

<b>KENNY PRIEST</b> Eureka, Ca. 95503 <a href="mailto:Kenny@fishingthenorthcoast.com">Kenny@fishingthenorthcoast.com</a>	<b>03/28/17</b>		<b>06/30/20</b>
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**DISTRICT 5**

<b>LOREN FURBER</b> McKinleyville, CA 95519 <a href="mailto:lorenfurber@yahoo.com">lorenfurber@yahoo.com</a>	02/14/12	<b>06/23/15</b>	<b>06/30/19</b>
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<b>MIKE ZAMBONI</b> McKinleyville, CA 95519 <a href="mailto:lucky50@suddenlink.net">lucky50@suddenlink.net</a>	01/27/2012	<b>06/23/15</b>	<b>06/30/19</b>
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**KIM WATSON**

**04/11/2014**

**06/23/15**

**06/30/19**

McKinleyville, Ca. 95519

[kpwatson@notmail.com](mailto:kpwatson@notmail.com)

NANCY KAYTIS-SLOCUM, Commission Secretary, 786-4902 or (h) 407-5747 (c), [nkaytis4@gmail.com](mailto:nkaytis4@gmail.com)