

IORG #: **IORG0000177**  
Institution: **University of Arizona**  
Expires: **09/22/2018**

OMB No. 0990-0279  
Approved for use through August 31, 2015

## **U.S. Department of Health and Human Services (HHS) Registration of an Institutional Review Board (IRB)**

**This form is used by institutions or organizations operating IRBs that review:**

- a) Research involving human subjects conducted or supported by the Department of Health and Human Services, or other federal departments or agencies that apply the Federal Policy for the Protection of Human Subjects to such research; and/or**
- b) Clinical investigations regulated by the Food and Drug Administration (FDA) of the Department of Health and Human Services**

**This form is to be used for the following purposes:**

- a. To register an IRB if your institution or organization has not previously registered an IRB
- b. To update or renew the registration of an IRB previously registered by your institution or organization
- c. To add another IRB to those previously registered by your institution or organization

**Fields with an \* are required for OHRP IRBs and FDA IRBs**

**Fields with an ♦ are required for OHRP IRBs but are optional for FDA IRBs**

**Fields with an ‡ are required for FDA IRBs but are optional for OHRP IRBs**

**Fields with no symbol are optional for both OHRP IRBs and FDA IRBs**

- 1. \*Has your institution or organization previously registered an IRB with the Office for Human Research Protections (OHRP)?**

Yes, proceed to section 2                       No, proceed to section 3

- 2. \*What is your institution or organization (IORG) number?    IORG0000177**

This number was provided by OHRP the first time your institution or organization registered an IRB. If you do not know your IORG number, search for your institution or organization on the OHRP website at <http://ohrp.cit.nih.gov/search/search.aspx> or contact OHRP using the contact information at <http://www.hhs.gov/ohrp/daqi-staff.html> or by telephone at 1-866-447-4777.

- 3. Name of Institution or Organization Operating the IRB(s)**

\*Name of Institution or Organization: **University of Arizona**

\*Mailing Address: **P.O. Box 245137**

\*Street Address (if different from the Mailing Address above):

**1618 E. Helen St.**

\*City: **Tucson**

\*State/Province: **ARIZONA**

\*Zip/Postal Code: **85724-5137**

\*Country (if outside the U.S.):

**4. Senior Officer or Head Official of Institution or Organization Responsible for Overseeing the Activities Performed by the IRB(s)**

\*First Name: **Jennifer**

Middle Initial: **K**

\*Last Name: **Barton**

Earned Degree(s): **Ph.D.**

Title or Position: **Associate Vice President for Research**

\*Mailing Address (if different from the Mailing Address in section 3):

**Associate Vice President for Research  
Administration Building , Room 601  
P. O. Box 210066**

\*City: **Tucson**

\*State/Province: **ARIZONA**

\*Zip/Postal Code: **85721-0066**

\*Country (if outside the U.S.):

\*Phone: **520 626-3512**

\*FAX: **520 621-7507**

\*E-Mail: **barton@email.  
arizona.edu**

**5. Contact Person Providing this Registration Information**

\*First Name: **Mariette**

Middle Initial:

\*Last Name: **Marsh**

Earned Degree(s): **MPA, CIP**

Title or Position: **Director, Human Subjects Protection Program**

Name of Institution or Organization (if different from the Name in section 3):

**University of Arizona**

\*Mailing Address (if different from the Mailing Address in section 3):

**P.O. Box 245137**

\*City: **Tucson**

\*State/Province: **ARIZONA**

\*Zip/Postal Code: **85724-5137**

\*Country (if outside the

\*Phone: **520 626-7575**

\*FAX: **520 621-3355**

\*E-Mail: **marshm@email.  
arizona.edu**

**6. IRB Registration Information (to be completed separately for each IRB being renewed/updated or newly registered)**

A. \*Is this a renewal or update of a registration for an IRB already registered with HHS?

Yes. Provide the IRB registration number previously assigned to this IRB by OHRP: **IRB00000291**

(This number was provided by OHRP the first time the IRB was registered with OHRP. If you do not know the IRB registration number, search for the IRB on the OHRP website at <http://ohrp.cit.nih.gov/search/search.aspx> or contact OHRP using the contact information at <http://www.hhs.gov/ohrp/daqi-staff.html> or by telephone at 1-866-447-4777)

No, this is a new IRB registration.

B. Provide the IRB name, if any, used by the institution or organization (e.g., State University Behavioral IRB, University Healthcare Biomedical IRB, or XYZ Hospital IRB #1):

**U of Arizona IRB #1**

C. Location of the IRB

\*Mailing Address (if different from the Mailing Address in section 3):

**Human Subjects Protection Program  
P.O. Box 245137**

\*Street Address of the IRB (if different from the Mailing Address of the IRB):

**1618 E. Helen St.**

\*City: **Tucson**

\*State/Province: **ARIZONA**

\*Zip/Postal Code: **85724-5137**

\*Country (if outside the U.S.):

\*Phone: **520 626-6721**

\*FAX: **520 626-7003**

\*E-Mail: **irb@email.arizona.edu**

D. ♦Approximate number of full time equivalent positions devoted to the IRB's administrative activities:

**2**

E. ♦Approximate number of all active protocols (for purposes of completing this registration, an active protocol is any protocol for which the IRB conducted an initial review or continuing review at a convened meeting or under an expedited review procedure during the preceding 12 months):

**240**

F. ♦Approximate number of active protocols conducted or supported by HHS (e.g., the National Institutes of Health, Centers for Disease Control and Prevention, etc.) (for purposes of completing this registration, an active protocol is any protocol for which the IRB conducted an initial review or continuing review at a convened meeting or under an expedited review procedure during the preceding 12 months):

**72**

G. ‡For IRBs that review, or intend to review, protocols involving products regulated by the Food and Drug Administration (FDA) (for purposes of completing this registration, an active protocol is any protocol for which the IRB conducted an initial review or continuing review at a convened meeting or under an expedited review procedure during the preceding 12 months):

‡i) Approximate number of active protocols involving FDA-regulated products:

80

‡ii) Types of FDA-regulated products involved in FDA protocols include (check all that apply):

<input checked="" type="checkbox"/> human drugs	food additives
<input checked="" type="checkbox"/> medical devices	color additives
<input checked="" type="checkbox"/> biological	other
	Specify

H. IRB Chairperson

\*First Name: **Peter** Middle Initial: \*Last Name: **Lichtenthal**

Earned Degree(s): **M.D.** Title or Position: **IRB Chair**

Mailing Address (if different from the Mailing Address in section 3):

**Human Subjects Protection Program  
1618 E. Helen St.**

City: **Tucson** State/Province: **ARIZONA** Zip/Postal Code: **85724-5137**

Country (if outside the U.S.):

\*Phone: **520 626-6721** FAX: **520 626-7003** \*E-Mail: **plich@email.arizona.edu**

I. ♦IRB Roster Form: Completion of the IRB Roster Form is required if your IRB is designated on a Federalwide assurance submitted to OHRP. Otherwise, it is optional.

<b>Member Name (Last, First)</b>	<b>Sex M/F</b>	<b>Earned Degree(s)</b>	<b>Scientist (S) Non-scientist (N)</b>	<b>Primary Scientific or Non-Scientific Specialty</b>	<b>Affiliation with Institution(s) Y/N</b>	<b>Comments</b>
Lichtenthal, Peter	M	MD	S	Anesthesiology, Cardiology	Y	
Camamo, James	M	PharmD	S	Pharmacy	Y	UAMC-University
Goodwin, James	M	PhD	S	Epidemiology, Respiratory Sciences	Y	Vice Chair, Children
Wertheimer, Anne	F	PhD	S	Microbiology, Immunology	Y	
OKeeffe, Terence	M	MB, ChB, BSc, MSPH,	S	General Surgery, Critical Care	Y	
Molina, Osmara	F	BS	S	Family Studies, Psychology, Respiratory	Y	Hispanic
Sherman, Scott	M	MD, PhD	S	Neurology	Y	Cognitive impairment
Malkin, Martin	M	PhD	S	Biochemistry	N	
Schoenage, Kai	M	MD	S	Anesthesiology	Y	
Parthasarathy, Sairam	M	MD	S	Pulmonary and Critical Care	Y	
Keegstra, Carroll	M	MDiv	N	Theology	N	Prisoner representative
Dunlap, Margaret	F	PhD	N	Educational Psychology	N	Children
Raichlen, David	M	PhD	N	Anthropology	Y	
<b>Alternative Members</b>						
Traver, Gayle	F	MS	S	Pulmonary Nursing	Y	Retiree
Barnhart, Bruce	M	AS, ASN	S	Emergency Nursing, Critical Care	Y	UA-Phx
Marlow, Robert	M	MD	S	Family Medicine	Y	Scottsdale Healthcare
Nix, David	M	PharmD	S	Pharmacy	Y	Exempt
Robey, Ian	M	PhD	S	Microbiology and Immunology	Y	
Chow, Hsiao-Hui (Sherry)	F	PhD	S	Pharmacology	Y	
Forster, Kenneth	M	PhD	S	Cognitive Psychology	Y	Cognitive Impairment
Marsh, Mariette	F	MPA	N	Anthropology, Regulatory	Y	
Shapiro, Joan	F	MD	S	Neuroscience	Y	Com-Phx
Parezo, Nancy	F	MA, PhD	N	American Indian	Y	Native American

				Studies, Anthropology		
Schable, Charles	M	MS	S	Biosafety, gene therapy	Y	human gene therapy
Bonito, Joseph	M	PhD	S	Communications	Y	Exempt
Trejo, Suzanna	F	MBA	N	Project Management	Y	Exempt
Donnerstein, Edward	M	PhD	S	Psychology, Communications	Y	Exempt
Brody, Eric	M	MD	S	Cardiology	Y	
Adhikari, Srikar	M	MD, MS	S	Emergency Medicine, Ultrasound	Y	
Rhoads, Richard	M	MD	S	Psychiatry	Y	Cognitive Impairment, UAMC-South
Thomson, Cynthia	F	PhD	S	Nutritional Sciences, Cancer	Y	
Going, Scott	M	PhD	S	Nutritional Sciences, Physiology	Y	Children
Brucks, Merrie	F	PhD	S	Marketing, Consumer Research	Y	Exempt
Twiss, Christian	M	MD	S	Female Urology, Surgery	Y	
Connolly, Terence	M	PhD	S	Management and Organization	Y	Exempt
Viscusi, Rebecca	F	MD	S	Breast Surgical Oncology	Y	
Herrier, Richard	M	PharmD	S	Pharmacy	Y	professional experience with Native Americans, IHS
Warner, Natasha	F	PhD	S	Linguistics	Y	Exempt
Denninghoff, Kurt	M	MD	S	Emergency medicine	Y	
Nichol, Janet	F	PhD	S	Linguistics	Y	Exempt
Gachupin, Francine	F	PhD	S	Native American, cancer, chronic disease	Y	
Hill, Meghan	F	MBBS	S	OBGYN, maternal fetal medicine	Y	
Levine-Donnerstein, Deborah	F	PhD	S	Education, leadership	Y	Exempt
Ussishkin, Adam	M	PhD	S	Linguistics	Y	Exempt
Davis, Angela	F	RN	S	Nursing	N	
Brewer, Michael	M	MLS	N	Library	Y	Exempt

Blume, Andreas	M	PhD	N	Economics	Y	Exempt
Schatzberg, Jeff	M	PhD	S	Accounting	Y	Exempt
Ibrahim-zada, Irada	F	MD, PhD	S	Surgery, Trauma	Y	
Kasoff, Willard	M	MD, MPH	S	Neurosurgery	Y	
Wahl, Richard	M	MD	S	Pediatrics	Y	
Burgess, Jeff	M	MD, MPH	S	Public Health	Y	Exempt
Fitzgerald, Joseph	M	MAPC	N	Theology, prisoner rep	Y	
Lopez, Francesca	F	PhD	N	Educational Psychology	Y	Exempt
McCaslin, Mary	F	PhD	N	Educational Psychology	Y	Exempt
Peterson, Tyler	M	PhD	N	Linguistics	Y	Exempt
Reynolds, Stanley	M	PhD	N	Economics	Y	Exempt
Matty, JoAnn	F	BS	N	Education	N	children
Milem, Jeff	M	PhD	S	Education	Y	
Luna-Firebaugh, Eileen	F	PhD	S	Native American, law	Y	
Hussman, Stephen	M	MA	S	Library	Y	Exempt
Ahmann, Richard	M	MD	S	Cancer	Y	
Friese, Randall	M	MD	S	Surgery, Trama, Critical Care	Y	

#### NOTES:

Members whose training, background, and occupation would incline them to view scientific activities from the standpoint of someone within a behavioral or biomedical research discipline should be considered a scientist, while members whose training, background, and occupation would incline them to view research activities from a standpoint outside of any biomedical or behavioral scientific discipline should be considered a nonscientist. In addition, the IRB must have members with sufficient knowledge of the specific scientific discipline(s) relevant to the research that it reviews.

Affiliation: Please indicate whether or not each individual (or a member of that person's immediate family) is affiliated (other than as an IRB member) with the institution or organization operating the IRB.

Yes = The IRB member is affiliated with the institution or organization operating the IRB.

No = The individual is not affiliated with the institution or organization operating the IRB.

Alternate Members: An alternate member(s) may be designated, as needed, for a regular voting member(s). An alternate member may vote only when the regular voting member is not voting.

When an institution or organization registers two or more IRBs, all alternate members for all IRBs may be listed on the roster of one IRB, or they may be listed separately with each IRB roster. A primary member of any IRB registered under the same IORG number may serve as an alternate for any comparably qualified member on any other IRB of that institution or organization. Primary members on registered IRBs serving as alternate members do not need to be listed as an alternate on any roster. Each alternate IRB member who replaces a primary member at any given meeting should have experience, expertise, background, professional competence, and knowledge equivalent to that of the primary IRB member whom the alternate will replace. Whenever an alternate member substitutes for a primary member of the IRB, the combined requirements of § 46.107(a) and 46.108(b) shall remain satisfied. Whenever this occurs, the minutes of the IRB meeting should indicate clearly that the alternate IRB member has replaced the designated primary IRB member, and include the identity of the replaced primary and the alternate members. If multiple alternate members serve at an IRB meeting, the pairing of primary and alternate members should be indicated.

A. \*Is this a renewal or update of a registration for an IRB already registered with HHS?

Yes. Provide the IRB registration number previously assigned to this IRB by OHRP: **IRB00001751**

(This number was provided by OHRP the first time the IRB was registered with OHRP. If you do not know the IRB registration number, search for the IRB on the OHRP website at <http://ohrp.cit.nih.gov/search/search.aspx> or contact OHRP using the contact information at <http://www.hhs.gov/ohrp/daqi-staff.html> or by telephone at 1-866-447-4777)

No, this is a new IRB registration.

B. Provide the IRB name, if any, used by the institution or organization (e.g., State University Behavioral IRB, University Healthcare Biomedical IRB, or XYZ Hospital IRB #1):

**U of Arizona IRB #2**

C. Location of the IRB

\*Mailing Address (if different from the Mailing Address in section 3):

**Human Subjects Protection Program  
P.O. Box 245137**

\*Street Address of the IRB (if different from the Mailing Address of the IRB):

**1618 E. Helen St.**

\*City: **Tucson**                      \*State/Province: **ARIZONA**                      \*Zip/Postal Code: **85724-5137**

\*Country (if outside the U.S.):

\*Phone: **520 626-6721**                      \*FAX: **520 626-7003**                      \*E-Mail: **irb@email.arizona.edu**

D. ♦Approximate number of full time equivalent positions devoted to the IRB's administrative activities: **3**

E. ♦Approximate number of all active protocols (for purposes of completing this registration, an active protocol is any protocol for which the IRB conducted an initial review or continuing review at a convened meeting or under an expedited review procedure during the preceding 12 months): **870**

F. ♦Approximate number of active protocols conducted or supported by HHS (e.g., the National Institutes of Health, Centers for Disease Control and Prevention, etc.) (for purposes of completing this registration, an active protocol is any protocol for which the IRB conducted an initial review or continuing review at a convened meeting or under an expedited review procedure during the preceding 12 months): **125**

G. ‡For IRBs that review, or intend to review, protocols involving products regulated by the Food and Drug Administration (FDA) (for purposes of completing this registration, an active protocol is any protocol for which the IRB conducted an initial review or continuing review at a convened meeting or under an expedited review procedure during the preceding 12 months):

‡i) Approximate number of active protocols involving FDA-regulated products:

**1**

‡ii) Types of FDA-regulated products involved in FDA protocols include (check all that apply):

<input checked="" type="checkbox"/> human drugs	<input checked="" type="checkbox"/> food additives
<input checked="" type="checkbox"/> medical devices	<input checked="" type="checkbox"/> color additives
<input checked="" type="checkbox"/> biological	other
	Specify

H. IRB Chairperson

\*First Name: **Thomas** Middle Initial: **K** \*Last Name: **Park**

Earned Degree(s): **Ph.D.** Title or Position: **IRB Chair**

Mailing Address (if different from the Mailing Address in section 3):

**Human Subjects Protection Program**

**PO Box 245137**

City: **Tucson** State/Province: **ARIZONA** Zip/Postal Code: **85724-5137**

Country (if outside the U.S.):

\*Phone: **520 626-6721** FAX: **520 626-7003** \*E-Mail: **tpark@email.arizona.edu**

I. ♦IRB Roster Form: Completion of the IRB Roster Form is required if your IRB is designated on a Federalwide assurance submitted to OHRP. Otherwise, it is optional.

<b>Member Name (Last, First)</b>	<b>Sex M/F</b>	<b>Earned Degree(s)</b>	<b>Scientist (S) Non-scientist (N)</b>	<b>Primary Scientific or Non-Scientific Specialty</b>	<b>Affiliation with Institution(s) Y/N</b>	<b>Comments</b>
Park, Thomas	M	PhD	S	Anthropology	Y	
Keegstra, Carroll	M	MA	N	Church History, Theology	N	Prisoner rep.
Lichtenthal, Peter	M	MD	S	Anesthesiology	Y	
Moore, Ki	F	DNSc	S	Nursing	Y	
Goodwin, James	M	PhD	S	Epidemiology, respiratory sciences	Y	

### **Alternative Members**

#### **NOTES:**

Members whose training, background, and occupation would incline them to view scientific activities from the standpoint of someone within a behavioral or biomedical research discipline should be considered a scientist, while members whose training, background, and occupation would incline them to view research activities from a standpoint outside of any biomedical or behavioral scientific discipline should be considered a nonscientist. In addition, the IRB must have members with sufficient knowledge of the specific scientific discipline(s) relevant to the research that it reviews.

**Affiliation:** Please indicate whether or not each individual (or a member of that person's immediate family) is affiliated (other than as an IRB member) with the institution or organization operating the IRB.

Yes = The IRB member is affiliated with the institution or organization operating the IRB.

No = The individual is not affiliated with the institution or organization operating the IRB.

**Alternate Members:** An alternate member(s) may be designated, as needed, for a regular voting member(s). An alternate member may vote only when the regular voting member is not voting.

When an institution or organization registers two or more IRBs, all alternate members for all IRBs may be listed on the roster of one IRB, or they may be listed separately with each IRB roster. A primary member of any IRB registered under the same IORG number may serve as an alternate for any comparably qualified member on any other IRB of that institution or organization. Primary members on registered IRBs serving as alternate members do not need to be listed as an alternate on any roster. Each alternate IRB member who replaces a primary member at any given meeting should have experience, expertise, background, professional competence, and knowledge equivalent to that of the primary IRB member whom the alternate will replace.

Whenever an alternate member substitutes for a primary member of the IRB, the combined requirements of § 46.107(a) and 46.108(b) shall remain satisfied. Whenever this occurs, the minutes of the IRB meeting should indicate clearly that the alternate IRB member has replaced the designated primary IRB member, and include the identity of the replaced primary and the alternate members. If multiple alternate members serve at an IRB meeting, the pairing of primary and alternate members should be indicated.



A. \*Is this a renewal or update of a registration for an IRB already registered with HHS?

Yes. Provide the IRB registration number previously assigned to this IRB by OHRP: **IRB00005448**

(This number was provided by OHRP the first time the IRB was registered with OHRP. If you do not know the IRB registration number, search for the IRB on the OHRP website at <http://ohrp.cit.nih.gov/search/search.aspx> or contact OHRP using the contact information at <http://www.hhs.gov/ohrp/daqi-staff.html> or by telephone at 1-866-447-4777)

No, this is a new IRB registration.

B. Provide the IRB name, if any, used by the institution or organization (e.g., State University Behavioral IRB, University Healthcare Biomedical IRB, or XYZ Hospital IRB #1):

**U of Arizona IRB #4**

C. Location of the IRB

\*Mailing Address (if different from the Mailing Address in section 3):

**Human Subjects Protection Program  
P.O. Box 245137**

\*Street Address of the IRB (if different from the Mailing Address of the IRB):

**1618 E. Helen St.**

\*City: **Tucson**

\*State/Province: **ARIZONA**

\*Zip/Postal Code: **85724-5137**

\*Country (if outside the U.S.):

\*Phone: **520 626-6721**

\*FAX: **520 626-7003**

\*E-Mail: **irb@email.arizona.edu**

D. ♦Approximate number of full time equivalent positions devoted to the IRB's administrative activities:

**2**

E. ♦Approximate number of all active protocols (for purposes of completing this registration, an active protocol is any protocol for which the IRB conducted an initial review or continuing review at a convened meeting or under an expedited review procedure during the preceding 12 months):

**335**

F. ♦Approximate number of active protocols conducted or supported by HHS (e.g., the National Institutes of Health, Centers for Disease Control and Prevention, etc.) (for purposes of completing this registration, an active protocol is any protocol for which

purposes of completing this registration, an active protocol is any protocol for which the IRB conducted an initial review or continuing review at a convened meeting or under an expedited review procedure during the preceding 12 months):

170

- G. ‡For IRBs that review, or intend to review, protocols involving products regulated by the Food and Drug Administration (FDA) (for purposes of completing this registration, an active protocol is any protocol for which the IRB conducted an initial review or continuing review at a convened meeting or under an expedited review procedure during the preceding 12 months):

‡i) Approximate number of active protocols involving FDA-regulated products:

190

‡ii) Types of FDA-regulated products involved in FDA protocols include (check all that apply):

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> human drugs     | <input type="checkbox"/> food additives  |
| <input checked="" type="checkbox"/> medical devices | <input type="checkbox"/> color additives |
| <input checked="" type="checkbox"/> biological      | <input type="checkbox"/> other           |
|   | Specify                                  |

#### H. IRB Chairperson

\*First Name: **Peter** Middle Initial: \*Last Name: **Lichtenthal**

Earned Degree(s): **MD** Title or Position: **IRB Chair**

Mailing Address (if different from the Mailing Address in section 3):

**P.O. Box 245137**  
**1618 E. Helen St.**

City: **Tucson** State/Province: **ARIZONA** Zip/Postal Code: **85724-5137**

Country (if outside the U.S.):

\*Phone: **520 626-6721** FAX: **520 626-7003** \*E-Mail: **plich@email.arizona.edu**

I. ♦IRB Roster Form: Completion of the IRB Roster Form is required if your IRB is designated on a Federalwide assurance submitted to OHRP. Otherwise, it is optional.

<b>Member Name (Last, First)</b>	<b>Sex M/F</b>	<b>Earned Degree(s)</b>	<b>Scientist (S) Non-scientist (N)</b>	<b>Primary Scientific or Non-Scientific Specialty</b>	<b>Affiliation with Institution(s) Y/N</b>	<b>Comments</b>
Lichtenthal, Peter	F	MD	S	Anesthesiology	Y	
Moore, Ida (Ki)	F	DNSc	S	Nursing, Oncology	Y	Co-Chair, Children
Harris, David	M	PhD	S	Microbiology and Immunology	Y	
Harris, Robin	F	PhD	S	Epidemiology, Biostatistics	Y	
Metzger, Mary Lou	F	MA	N	Speech/Language Pathologist	N	Children
McKee, Cecile	F	PhD	S	Linguistics, Child Development	Y	Children
Viscusi, Rebecca	F	MD	S	Breast Surgical Oncology	Y	

#### **Alternative Members**

#### **NOTES:**

Members whose training, background, and occupation would incline them to view scientific activities from the standpoint of someone within a behavioral or biomedical research discipline should be considered a scientist, while members whose training, background, and occupation would incline them to view research activities from a standpoint outside of any biomedical or behavioral scientific discipline should be considered a nonscientist. In addition, the IRB must have members with sufficient knowledge of the specific scientific discipline(s) relevant to the research that it reviews.

**Affiliation:** Please indicate whether or not each individual (or a member of that person's immediate family) is affiliated (other than as an IRB member) with the institution or organization operating the IRB.

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No = The individual is not affiliated with the institution or organization operating the IRB.

**Alternate Members:** An alternate member(s) may be designated, as needed, for a regular voting member(s). An alternate member may vote only when the regular voting member is not voting.

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Public burden for this collection of information is estimated to average one hour for an initial IRB registration, and thirty minutes for updating or renewing the registration of a previously registered IRB. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: OS Reports Clearance Officer, Room 503, 200 Independence Avenue, SW., Washington, DC 20201. *Do not return the completed form to this address.*