

IORG #: **IORG0000247**
Institution: **Northwestern University**
Expires: **06/25/2028**

OMB No. 0990-0279
Approved for use through June 30, 2025

**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:

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)?**

[X] Yes, proceed to section 2 [] No, proceed to section 3

- 2. *What is your institution or organization (IORG) number? IORG0000247**

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: **Northwestern University**

***Mailing Address: 750 N Lake Shore Drive
Rubloff Building, 7th Floor**

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

*Zip/Postal Code: **60611**

*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: **Crista**

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

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

750 N Lakeshore Drive
Office for Research, 7th Floor, Room 709

*Zip/Postal Code: **60611**

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

***Phone: 312 503-1686**

5. Contact Person Providing this Registration Information

*First Name: **Lisa**

Earned Degree(s):

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

Northwestern University

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

**750 N. Lake Shore Drive
Rubloff Building, 7th Floor**

*Zip/Postal Code: **60611**

*Country (if outside the

***Phone: 312 503-5368**

linn@northwestern.ed
u

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?

[X] Yes. Provide the IRB registration number previously assigned to this IRB by OHRP: **IRB00000418**

(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):

Northwestern U IRB #1- - Panel A

C. Location of the IRB

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

**750 N. Lake Shore Drive
Rubloff Building, 7th Floor**

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

*City: **Chicago**

*State/Province: **ILLINOIS**

*Zip/Postal Code: **60611**

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

*Phone: **312 503-9338**

*FAX: **312 503-0555**

*E-Mail: **irb@northwestern.edu**

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

21

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):

1334

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):

280

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:

260

‡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: **Christine** Middle Initial: *Last Name: **GAGNON**

Earned Degree(s): **PhD** Title or Position: **Chair - Panel A**

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

**750 N. Lake Shore Drive
Rubloff Building, 7th Floor**

City: **Chicago** State/Province: **ILLINOIS** Zip/Postal Code: **60611**

Country (if outside the U.S.):

*Phone: **312 503-9338** FAX: **312 503-0555** *E-Mail: **cgagnon@sralab.org**

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.

Member Name (Last, First)	Sex M/F	Earned Degree(s)	Scientist (S) Non-scientist (N)	Primary Scientific or Non-Scientific Specialty	Affiliation with Institution(s) Y/N	Comments
GAGNON, Christine	F	PhD	S	Psychology/ Pain Management	Y	Chair
WEST, Dennis	M	PhD	S	Pharmacology, Dermatology, Pediatrics	Y	(IRB Office Admin Chair), Children Representative
MARCINIAK, Christina	F	MD	S	Physical Medicine and Rehabilitation	Y	Vice Chair
APPLEBAUM, Marc	M	MD	S	Physical Medicine and Rehabilitation	Y	Pregnant Women and Children Representative
LOGRASSO, Salvatore	M	BA	N	Research Billing Compliance	Y	
ROBINSON, Connie	F	MSN, RN, MBA	S	Nursing, Clinical Research	N	Children and Neonates Representative

Alternative Members

MORAN, Maureen	F	MPH	S	Preventive Medicine, Public Health	Y	82
SIKORSKI, Lucas	M	BA	N	Research Compliance	Y	(IRB Office) 65
LINN, Lisa	F	BA	N	Research Compliance	Y	(IRB Office) 65
VAN BUSKIRK, Braden	M	MSW	S	Research Compliance, Social Work	Y	(IRB Office), 30, 82
TROYER, Gwyneth	F	JD, MA	N	Prison Populations	N	Prisoner, Children and Pregnant Women Representative, 65
PATANKAR, Pranjali	F	MBBS, MPH	S	General Medicine, Public Health	Y	(IRB Office) 30, 74, 82
GRAHAM, Sheilah	F	MPH	S	Research Compliance	Y	(IRB Office) 30, 74, 82
PUYLEART, Kevin	M	B.S.	N	Research Compliance	Y	(IRB Office) 65
FINUCANE, Suzanne	F	A.S., B.S., M.S.	S	Bionic Medicine	Y	82, 30, 74, 1
DAUD, Amna	F	MD, MPH	S	Public Health, Organ Transplantation	Y	36, 30, 45
GREEN, Beverly	F	BA, MEd	N	Education, School Counseling	Y	65, Children Representative

SIVAN, Abigail	F	AB, MA, PhD	S	Psychology/ Education	Y	1
YATES, Heather	F	BS, MPH	S	Public Health/ Research Compliance	Y	(IRB Office) 82
ENGEL, Edeth	F	BS	S	Physical Medicine and Psychology	Y	(IRB Office) 1, 36, 45
MELARA, Candy	F	BA	N	Research Compliance	Y	(IRB Office) 65
SURAM, Saritha	F	MSc, Mphil, MS	S	Physics, Biochemistry	Y	(IRB Office) 74
GILL, Manjot	M	MD	S	Ophthalmology	Y	36, 45
WRIGHT, Katherine	F	MPH, BA	S	Public Health	Y	(IRB Office) 30, 82, Prisoner Representative
BARAJA, Elizabeth	F	AA	N	Research Compliance	Y	(IRB Office) 65
MUNOZ, John	M	MS, BS	S	Veterinary Science/ Research Compliance	Y	(IRB Office) 45
COPELAND, Rozelle	F	PhD, MA	S	Cognitive Research, Research Compliance	Y	(IRB Office) 1
DEMARTE, Mila	F	BS	S	Psychology, Research Compliance	Y	(IRB Office) 45
STOUFFER, Liberty	F	MHEA, BA	N	Education, Research Compliance	Y	(IRB Office) 65
HELNER, Khrystyna	F	BA, MA, MBA, LPC	S	Psychology, Research Compliance	Y	(IRB Office) 1
HASER, Meghan	F	BS, MS	S	Exercise Science, Biomechanics	Y	(IRB Office) 36, 45
MANGAN, Caroline	F	BSN, MS	S	Oncology, Nursing	Y	82
REYES, Andrea	F	BS, MSL	S	Ophthalmology, Public Health, Law	Y	(IRB Office) 45, 82
SOLANO, Yeletza	F	BA	N	Research Compliance	Y	(IRB Office) 65
WILLIS, Sierra	F	BS, MS	S	Exercise Science, Rehabilitation	Y	(IRB Office) 36, 45
OGUNGBADERO, Tade	F	BS	S	Psychology	Y	(IRB Office) 1, 45
BROWN, Therese	F	BA	S	Biology	Y	(IRB Office) 30, 82

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 comparable 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?

[X] Yes. Provide the IRB registration number previously assigned to this IRB by OHRP: **IRB00000419**

(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):

Northwestern U IRB #2- - Panel B

C. Location of the IRB

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

**750 N. Lake Shore Drive
Rubloff Building, 7th Floor**

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

*City: **Chicago**

*State/Province: **ILLINOIS**

*Zip/Postal Code: **60611**

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

*Phone: **312 503-9338**

*FAX: **312 503-0555**

*E-Mail: **irb@northwestern.edu**

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

21

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):

1334

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):

280

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:

260

‡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: **Eric** Middle Initial: *Last Name: **RUDERMAN**

Earned Degree(s): **MD** Title or Position: **Chair - Panel B**

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

**750 N. Lake Shore Dr.
Rubloff Building, 7th Floor**

City: **Chicago** State/Province: **ILLINOIS** Zip/Postal Code: **60611**

Country (if outside the U.S.):

*Phone: **312 503-9338** FAX: **312 503-0555** *E-Mail: **e-ruderman@northwestern.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.

Member Name (Last, First)	Sex M/F	Earned Degree(s)	Scientist (S) Non-scientist (N)	Primary Scientific or Non-Scientific Specialty	Affiliation with Institution(s) Y/N	Comments
RUDEMAN, Eric	M	MD	S	Pulmonary, Critical Care Medicine	Y	
HUBBARD, Richard	M	MD	S	Pulmonary Medicine, Clinical Research	N	
ADEKOLA, Kehinde	F	MD, MS	S	Hem/Onc	Y	
AMIDEI, Christina	F	RN, PhD, CNRN	S	Neurosurgery, Nursing	Y	Vice Chair
GREEN, Beverly	F	BA, MEd	N	Education, School Counseling	Y	Children Representative
Alternative Members						
MORAN, Maureen	F	MPH	S	Preventive Medicine, Public Health	Y	1, 94
WEST, Dennis	M	PhD	S	Pharmacology, Dermatology, Pediatrics	Y	(IRB Office Admin Chair) Children Representative, 1, 94
SIKORSKI, Lucas	M	BA	N	Research Compliance	Y	(IRB Office) 100
LINN Lisa	F	BA	N	Research Compliance	Y	(IRB Office) 100
VAN BUSKIRK, Braden	M	MSW	S	Research Compliance, Social Work	Y	(IRB Office) 94
TROYER, Gwyneth	F	JD, MA	N	Prison Populations	N	Prisoner, Pregnant Women, Children Representative, 100
PATANKAR, Pranjali	F	MBBS, MPH	S	Research Compliance	Y	(IRB Office), 94
LEE, Eunice	F	PharmD, JD	S	Pharmacology	Y	1, 94
GRAHAM, Sheilah	F	MPH	S	Research Compliance	Y	(IRB Office) 94
PUYLEART, Kevin	M	B.S.	N	Research Compliance	Y	(IRB Office) 100
LIN, Kai	M	MB, MS	S	Radiology	Y	1, 53, 71
YATES, Heather	F	BS, MPH	S	Public Health/ Research Compliance	Y	(IRB Office) 94
ENGEL, Edeth	F	BS	S	Physical Medicine,	Y	(IRB Staff) 94

				Psychology		
MELARA, Candy	F	BA	N	Research Compliance	Y	(IRB Office) 100
SURAM, Saritha	F	MSc, Mphil, MS	S	Physics, Biochemistry	Y	(IRB Office) 71
WRIGHT, Katherine	F	MPH, BA	S	Public Health	Y	(IRB Office) 94, Prisoner Representative
BARAJA, Elizabeth	F	AA	N	Research Compliance	Y	(IRB Office) 100
MUNOZ, John	M	MS, BS	S	Veterinary Science/ Research Compliance	Y	(IRB Office) 71
COPELAND, Rozelle	F	PhD, MA	S	Cognitive Research, Research Compliance	Y	(IRB Office) 94
DEMARTE, Mila	F	BS	S	Sociology	Y	(IRB Office) 94
STOUFFER, Liberty	F	MHEA, BA	N	Education, Research Compliance	Y	(IRB Office) 100
HELNER, Khrystyna	F	BA, MA, MBA, LPC	S	Psychology, Research Compliance	Y	(IRB Office) 94
HASER, Meghan	F	BS, MS	S	Exercise Science, Biomechanics	Y	(IRB Office) 94
AINSWORTH, Meredith	F	RN, BSN, MSN, FNP	S	Oncology, Nursing	Y	71, 94
REYES, Andrea	F	BS, MSL	S	Ophthalmology, Public Health, Law	Y	(IRB Office) 71
SOLANO, Yeletza	F	BA	N	Research Compliance	Y	(IRB Office) 100
MOLONEY, Carolyn	F	MD	S	Oncology	Y	1, 53, 71
JAHANGIR, Saira	F	MBBS	S	Radiology, Research Compliance	Y	1, 53, 71
WILLIS, Sierra	F	BS, MS	S	Exercise Science, Rehabilitation	Y	(IRB Office) 71
OGUNGBADERO, Tade	F	BS	S	Psychology	Y	(IRB Office) 94
RYDZON, Brett	M	BS, MPH	S	Neurosurgery, Health Science	Y	94
BROWN, Therese	F	BA	S	Biology	Y	(IRB Office) 53, 71

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.

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

[X] Yes. Provide the IRB registration number previously assigned to this IRB by OHRP: **IRB00000420**

(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):

Northwestern U IRB #3- - Panel C

C. Location of the IRB

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

**750 N. Lake Shore Drive
Rubloff Building, 7th Floor**

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

*City: **Chicago**

*State/Province: **ILLINOIS**

*Zip/Postal Code: **60611**

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

*Phone: **312 503-9338**

*FAX: **312 503-0555**

*E-Mail: **irb@northwestern.edu**

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

21

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):

1333

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):

280

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:

260

‡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: **Jonathon** Middle Initial: *Last Name: **GOLDMAN**

Earned Degree(s): **MD, MS** Title or Position: **Chair - Panel C**

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

**750 N. Lake Shore Dr.
Rubloff Building, 7th Floor**

City: **Chicago** State/Province: **ILLINOIS** Zip/Postal Code: **60611**

Country (if outside the U.S.):

*Phone: **312 503-9338** FAX: **312 503-0555** *E-Mail: **jgold23236@aol.com**

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.

Member Name (Last, First)	Sex M/F	Earned Degree(s)	Scientist (S) Non-scientist (N)	Primary Scientific or Non-Scientific Specialty	Affiliation with Institution(s) Y/N	Comments
GOLDMAN, Jonathon	M	MD, MS	S	Psychiatry, Behavioral Sciences	Y	VA Representative
MARTINOVICH, Zoran	M	PhD	S	Psychiatry, Behavioral Sciences	Y	
MILLER, Deborah	F	MPH, BSN, RN, CPHQ	S	Nursing, Quality Assurance	Y	Vice Chair
HUBBARD, Richard	M	MD, BA	S	Pulmonary Medicine, Clinical Research	N	
NICKISCH DUGGAN, Heidi	F	MS, MA	N	Library/Information Science	N	Children Representative
RAJAN, Priya	F	MD	S	Maternal Fetal Medicine	Y	Pregnant Women, Fetuses Representative
O'BRIEN, Kathryn	F	PharmD	S	Pharmacy, Internal Medicine	Y	
RENELLA, Camille	F	BSN, RN	S	Medical Ethics, Nursing, Law	N	Children & Neonates representative

Alternative Members

WEST, Dennis	M	PhD	S	Pharmacology, Dermatology, Pediatrics	Y	(IRB Office Admin Chair), Children Representative 9, 11, 70, 93
SIKORSKI, Lucas	M	BA	N	Research Compliance	Y	(IRB Office) 59
LINN, Lisa	F	BA	N	Research Compliance	Y	(IRB Office) 59
VAN BUSKIRK, Braden	M	MSW	S	Research Compliance, Social Work	Y	(IRB Office) 11, 93
TROYER, Gwyneth	F	JD, MA	N	Prison Populations	N	59, Prisoner, Pregnant Women and Children Representative
AUFOX, Sharon	F	MS	S	Genetics, Biobanking	Y	11, 93, Children and Pregnant Women Representative
DINNER, Shira	F	MD	S	Hem/Onc	Y	1, 53, 66, 70
PATANKAR, Pranjali	F	MBBS, MPH	S	Research Compliance	Y	(IRB Office) 11, 93
HANLON, Maureen	F	JD, BS, RN	S	Nursing, Risk Management, Health Law	N	Children Representative, 11, 45, 70, 93

GRAHAM, Sheilah	F	MPH	S	Research Compliance	Y	(IRB Office) 11, 15, 93
PUYLEART, Kevin	M	B.S.	N	Research Compliance	Y	(IRB Office) 59
GREEN, Beverly	F	BA, MEd	N	Education, School Counseling	Y	59, Children Representative
YATES, Heather	F	BS, MPH	S	Public Health/ Research Compliance	Y	(IRB Office) 11, 93
ENGEL, Edeth	F	BS	S	Physical Medicine, Psychology	Y	(IRB Office) 1, 9
MELARA, Candy	F	BA	N	Research Compliance	Y	(IRB Office) 59
SURAM, Saritha	F	MSc, Mphil, MS	S	Physics, Biochemistry	Y	(IRB Office), 1
SANTILLANES, Crystal	F	MS, AAS, BBA	S	Applied Science	Y	1, 53
WRIGHT, Katherine	F	MPH, BA	S	Public Health	Y	(IRB Office) 11, 93, Prisoner Representative
BARAJA, Elizabeth	F	AA	N	Research Compliance	Y	(IRB Office) 59
COPELAND, Rozelle	F	PhD, MA	S	Cognitive Research, Research Compliance	Y	(IRB Office) 1, 9
DEMARTE, Mila	F	BS	S	Psychology, Research Compliance	Y	(IRB Office) 1, 9
STOUFFER, Liberty	F	MHEA, BA	N	Education, Research Compliance	Y	(IRB Office) 59
HELNER, Khrystyna	F	BA, MA, MBA, LPC	S	Psychology, Research Compliance	Y	(IRB Office) 1, 9
HASER, Meghan	F	BS, MS	S	Exercise Science, Biomechanics	Y	(IRB Office) 1
MUNOZ, John	M	MS, BS	S	Veterinary Science/ Research Compliance	Y	(IRB Office) 1
SUGAY, Jazel	F	BS, MSN, RN	S	Oncology, Nursing, Neurosurgery	Y	11, 93
REYES, Andrea	F	BS, MSL	S	Ophthalmology, Public Health, Law	Y	(IRB Office) 1, 11
SOLANO, Yeletza	F	BA	N	Research Compliance	Y	(IRB Office) 59
WILLIS, Sierra	F	BS, MS	S	Exercise Science, Rehabilitation	Y	(IRB Office) 1
OGUNGBADERO, Tade	F	BS	S	Psychology	Y	(IRB Office) 1, 9

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 comparable 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?

[X] Yes. Provide the IRB registration number previously assigned to this IRB by OHRP: **IRB00000736**

(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):

Northwestern IRB #4X - Panel E

C. Location of the IRB

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

**600 Foster Street
Chambers Hall, 2nd Floor**

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

*City: **Evanston**

*State/Province: **ILLINOIS**

*Zip/Postal Code: **60208**

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

*Phone: **847 467-1723**

*FAX: **312 503-0555**

*E-Mail: **irb@northwestern.edu**

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

21

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):

1333

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):

280

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:

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

human drugs	food additives
medical devices	color additives
biological	other
	Specify

H. IRB Chairperson

*First Name: **Richard** Middle Initial: *Last Name: **ASHLEY**

Earned Degree(s): **DMusA** Title or Position: **Chair - Panel E**

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

**600 Foster Street
Chambers Hall, 2nd Floor**

City: **Evanston** State/Province: **ILLINOIS** Zip/Postal Code: **60208**

Country (if outside the U.S.):

*Phone: **847 467-1723** FAX: **312 503-0555** *E-Mail: **r-ashley@northwestern.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.

Member Name (Last, First)	Sex M/F	Earned Degree(s)	Scientist (S) Non-scientist (N)	Primary Scientific or Non-Scientific Specialty	Affiliation with Institution(s) Y/N	Comments
ASHLEY, Richard	M	DMusA	S	Music Cognition/ Neuroscience Experience	Y	
SUZUKI, Satoru	M	PhD	S	Cognitive Neuroscience	Y	Vice Chair
NICKISCH DUGGAN, Heidi	F	MA, MS	N	Library/Information Science	N	Children Representative
TROYER, Gwyneth	F	JD, MA	N	Prison Populations	N	Prisoner, Pregnant Women and Children Representative
YOUNT, Susan	F	PhD	S	Clinical Psychology	N	
RENO, William	M	PhD, MA, BA	S	Political Science	Y	
HEFFERNAN, Marie	F	BA, PhD	S	Psychology, Research Compliance	Y	Children
Alternative Members						
VAN BUSKIRK, Braden	M	MSW	S	Research Compliance, Social Work	Y	(IRB Office) 38, 66
REVELLE, William	M	PhD, BA	S	Psychology	Y	9, 34, 38, 66, 78, 86
ENGEL, Edeth	F	BS	S	Psychology, Physical Medicine	Y	(IRB Office) 66
WRIGHT, Katherine	F	MPH, BA	S	Public Health	Y	(IRB Office) 38, 66, Prisoner Representative
LOEB, Laura	F	PhD, MA, BA	S	Sociology	Y	(IRB Office) 38, 66, 86
McDONALD, Kristen	F	BS, MS	S	Health Science, Patient Safety	Y	(IRB Office) 38
HERTLE, Shonda	F	EdD, MA, BA	S	Education Research	Y	(IRB Office) 38
WEST, Dennis	M	PhD	S	Dermatology, Pharmacology	Y	66, 86, Children representative

NOTES:

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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.

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

[X] Yes. Provide the IRB registration number previously assigned to this IRB by OHRP: **IRB00002600**

(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):

Northwestern U IRB #5- - Panel D

C. Location of the IRB

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

**750 N. Lake Shore Drive
Rubloff Building, 7th Floor**

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

*City: **Chicago**

*State/Province: **ILLINOIS**

*Zip/Postal Code: **60611**

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

*Phone: **312 503-9338**

*FAX: **312 503-0555**

*E-Mail: **irb@northwestern.edu**

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

21

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):

1333

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):

280

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:

260

‡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: **Frank** Middle Initial: *Last Name: **PALELLA**

Earned Degree(s): **MD** Title or Position: **Chair - Panel D**

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

**750 N. Lake Shore Dr.
Rubloff Building, 7th Floor**

City: **Chicago** State/Province: **ILLINOIS** Zip/Postal Code: **60611**

Country (if outside the U.S.):

*Phone: **312 503-9338** FAX: **312 503-0555** *E-Mail: **f-palella@northwestern.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.

Member Name (Last, First)	Sex M/F	Earned Degree(s)	Scientist (S) Non-scientist (N)	Primary Scientific or Non-Scientific Specialty	Affiliation with Institution(s) Y/N	Comments
PALELLA, Frank	M	MD	S	Infectious Disease, Internal Medicine	Y	
REGALADO, Jane	F	PharmD	S	Pharmacy	Y	
RENELLA, Camille	F	BSN, RN	S	Medical Ethics, Nursing, Law	N	Children, Neonates Representative
FERREIRA, M. Rosario	F	MD, MAPP	S	Gastroenterology, Internal Medicine	Y	
HARVEY, Richard	M	MD	S	Physical Medicine and Rehabilitation	Y	Vice Chair
HO, Bing	M	MD, MPH	S	Transplant, Nephrology, Epidemiology	Y	
VINEYARD, Kitty	F	BA, MA	N	Business Management	Y	
Alternative Members						
MORAN, Maureen	F	MPH	S	Preventive Medicine, Public Health	Y	1, 14, 15
WEST, Dennis	M	PhD	S	Pharmacology, Dermatology, Pediatrics	Y	(IRB Office Admin Chair), Children Representative, 1, 14, 15
SIKORSKI, Lucas	M	BA	N	Research Compliance	Y	(IRB Office) 110
VAN BUSKIRK, Braden	M	MSW	S	Research Compliance, Social Work	Y	(IRB Office) 15
LINN, Lisa	F	BA	N	Research Compliance	Y	(IRB Office) 110
TROYER, Gwyneth	F	JD, MA	N	Prison Populations	N	110, Prisoner, Pregnant Women and Children Representative
PATANKAR, Pranjali	F	MBBS, MPH	S	Research Compliance	Y	(IRB Office) 14, 15
GRAHAM, Sheilah	F	MPH	S	Research Compliance	Y	(IRB Office) 14
RODGERS, Chiara	F	B.S., MPH	S	Research Administration	N	14, 15
PUYLEART, Kevin	M	B.S.,	N	Research Compliance	Y	(IRB Office) 110
RIVKIN, Elianna	F	BA, MS	S	Nursing,	Y	45, 15

				Rehabilitation		
GREEN, Beverly	F	BA, MEd	N	Education, School Counseling	Y	110, Children Representative
YATES, Heather	F	BS, MPH	S	Public Health/ Research Compliance	Y	(IRB Office) 15, 53
ENGEL, Edeth	F	BS	S	Physical Medicine, Psychology	Y	(IRB Office) 45
MELARA, Candy	F	BA	N	Research Compliance	Y	(IRB Staff) 110
SURAM, Saritha	F	MSc, Mphil, MS	S	Physics, Biochemistry	Y	(IRB Office), 14
WRIGHT, Katherine	F	MPH, BA	S	Public Health	Y	(IRB Office) 14, 15, Prisoner Representative
BARAJA, Elizabeth	F	AA	N	Research Compliance	Y	(IRB Office) 110
MUNOZ, John	M	MS, BS	S	Veterinary Science/ Research Compliance	Y	(IRB Office) 14
COPELAND, Rozelle	F	PhD, MA	S	Cognitive Research, Research Compliance	Y	(IRB Office) 45
DEMARTE, Mila	F	BS	S	Psychology, Research Compliance	Y	(IRB Office) 45
STOUFFER, Liberty	F	MHEA, BA	N	Education, Research Compliance	Y	(IRB Office) 110
HELNER, Khrystyna	F	BA, MA, MBA, LPC	S	Psychology, Research Compliance	Y	(IRB Office) 15
HASER, Meghan	F	BS, MS	S	Exercise Science, Biomechanics	Y	(IRB Office) 45
LIARDAKIS, Christos	M	BS, MBA, MPH	S	Anesthesiology, Obstetrics	Y	53, Pregnant Women
REYES, Andrea	F	BS, MSL	S	Ophthalmology, Public Health, Law	Y	(IRB Office) 53
GOZUTOK MOORE, Oge	F	DVM, MSc	S	Neurology	Y	45, 53
SOLANO, Yeletza	F	BA	N	Research Compliance	Y	(IRB Office) 110
HOSSEINI, Mohammad	M	BA, MA, PhD	N	Applied Ethics	Y	110
WILLIS, Sierra	F	BS, MS	S	Exercise Science, Rehabilitation	Y	(IRB Office) 45
OGUNGBADERO, Tade	F	BS	S	Psychology	Y	(IRB Office) 45
BROWN, Therese	F	BA	S	Biology	Y	(IRB Office) 15, 53

NOTES:

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

[X] Yes. Provide the IRB registration number previously assigned to this IRB by OHRP: **IRB00005003**

(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):

Northwestern U IRB #6 - Panel Q

C. Location of the IRB

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

**750 N. Lake Shore Drive
Rubloff Building, 7th Floor**

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

*City: **Chicago**

*State/Province: **ILLINOIS**

*Zip/Postal Code: **60611**

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

*Phone: **312 503-9338**

*FAX: **312 503-0555**

*E-Mail: **irb@northwestern.edu**

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

21

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):

1333

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):

280

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:

260

‡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: **Maureen** Middle Initial: *Last Name: **MORAN**

Earned Degree(s): **MPH** Title or Position: **Chair - Panel Q**

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

**750 N. Lake Shore Dr.
Rubloff Building, 7th Floor**

City: **Chicago** State/Province: **ILLINOIS** Zip/Postal Code: **60611**

Country (if outside the U.S.):

*Phone: **312 503-9338** FAX: **312 503-0555** *E-Mail: **m-moran@northwestern.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.

Member Name (Last, First)	Sex M/F	Earned Degree(s)	Scientist (S) Non-scientist (N)	Primary Scientific or Non-Scientific Specialty	Affiliation with Institution(s) Y/N	Comments
MORAN, Maureen	F	MPH	S	Preventive Medicine, Public Health	Y	
WEITZMAN, Sigmund	M	MD	S	Hem/Onc, Internal Medicine	Y	
GOLDMAN, Jonathon	M	MD, MS	S	Psychiatry, Behavioral Sciences	Y	
HUBBARD, Richard	M	MD	S	Pulmonary Medicine, Clinical Research	N	Vice Chair
RENELLA, Camille	F	BSN, RN	S	Medical Ethics, Nursing, Law	N	Children, Neonates Representative
CHAMBERS, Tod	M	PhD	N	Bioethics	Y	
Alternative Members						
MILLER, Deborah	F	MPH, BSN, RN, CPHQ	S	Nursing, Quality Assurance	Y	1, 61, 67
PALELLA, Frank	M	MD	S	Infectious Disease	Y	1, 8, 47, 58
REGALADO, Jane	F	PharmD	S	Pharmacy	Y	1, 61, 67
SIKORSKI, Lucas	M	BA	N	Research Compliance	Y	(IRB Office) 83
VAN BUSKIRK, Braden	M	MSW	S	Research Compliance, Social Work	Y	(IRB Office) 1, 61, 67
LINN, Lisa	F	BA	N	Research Compliance	Y	(IRB Office) 83
TROYER, Gwyneth	F	JD, MA	N	Prison Populations	N	83, Prisoner, Pregnant Women and Children Representative
PATANKAR, Pranjali	F	MBBS, MPH	S	Research Compliance, Public Health	Y	(IRB Office) 1, 61, 67
GRAHAM, Sheilah	F	MPH	S	Research Compliance	Y	(IRB Office) 1, 61, 67
PUYLEART, Kevin	M	B.S.	N	Research Compliance	Y	(IRB Office) 83
GREEN, Beverly	F	BA, MEd	N	Education, School Counseling	Y	83, Children Representative
MELNYK, Tetyana	F	BSED, PharmD	S	Pharmacology, Oncology	Y	8, 14

YATES, Heather	F	BS, MPH	S	Public Health/ Research Compliance	Y	(IRB Office) 1, 67, 61
ENGEL, Edeth	F	BS	S	Physical Medicine, Psychology	Y	(IRB Office) 1
MELARA, Candy	F	BA	N	Research Compliance	Y	(IRB Office) 83
SURAM, Saritha	F	MSc, Mphil, MS	S	Physics, Biochemistry	Y	(IRB Office),14, 47
WRIGHT, Katherine	F	MPH, BA	S	Public Health	Y	(IRB Office) 1, 67, Prisoner Representative
BARAJA, Elizabeth	F	AA	N	Research Compliance	Y	(IRB Office) 83
MUNOZ, John	M	MS, BS	S	Veterinary Science/ Research Compliance	Y	(IRB Office) 1, 14, 47
COPELAND, Rozelle	F	PhD, MA	S	Cognitive Research, Research Compliance	Y	(IRB Office) 14
DEMARTE, Mila	F	BS	S	Psychology, Research Compliance	Y	(IRB Office) 14
STOUFFER, Liberty	F	MHEA, BA	N	Education, Research Compliance	Y	(IRB Office) 83
HELNER, Khristyna	F	BA, MA, MBA, LPC	S	Psychology, Research Compliance	Y	(IRB Office) 14
HASER, Meghan	F	BS, MS	S	Exercise Science, Biomechanics	Y	(IRB Office) 14
McDONALD, Kristen	F	BS, MS	S	Health Science, Patient Safety	Y	(IRB Office) 67
HERTLE, Shonda	F	EdD, MA, BA	S	Education Research	Y	(IRB Office) 14, 67
REYES, Andrea	F	BS, MSL	S	Ophthalmology, Public Health, Law	Y	(IRB Office) 1, 14
SOLANO, Yeletza	F	BA	N	Research Compliance	Y	(IRB Office) 83
WILLIS, Sierra	F	BS, MS	S	Exercise Science, Rehabilitation	Y	(IRB Office) 14
OGUNGBADERO, Tade	F	BS	S	Psychology	Y	(IRB Office) 14
BROWN, Therese	F	BA	S	Biology	Y	(IRB Office) 58, 67

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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