



VA Pittsburgh Healthcare System Research and Development Committee

Standard Operating Procedures

VERSION 2.5

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Key Terms and Definitions:

Animal. According to this SOP, the term "animal" is defined as any live or dead vertebrate animals including dog, cat, non-human primate, guinea pig, hamster, rabbit, rat of genus *Rattus* and mouse of genus *Mus* as well as birds that are used or intended for use in research, research training, experimentation, or biological testing, or for a related purpose. The term "animal" also includes any vertebrate animals or birds bred to be used or intended for use in research, research training, experimentation, or biological testing, or for a related purpose. The term excludes horses not used for research purposes and other farm animals, such as, but not limited to livestock or poultry, used or intended for use as food or fiber, or livestock or poultry used or intended for use in improving animal nutrition, breeding, management, or production efficiency, or for improving the quality of food or fiber.

Animal Research. Animal research, as used in this SOP, refers to any use of laboratory animals in research, testing, or training.

Association for Assessment and Accreditation of Laboratory Animal Care, International (AAALAC). AAALAC is the accrediting body for animal research programs recognized by VA.

Assurance. An Assurance is also called an Assurance of Compliance, or a Federal-wide Assurance (FWA). It is a written commitment by an institution to protect human subjects participating in research. Under federal regulations, any institution conducting or engaged in federally supported research involving human subjects must obtain an Assurance in accordance with 38 CFR 16.103. NOTE: All research conducted under VA auspices is considered to be Federally-supported. This requirement also applies to any collaborating "performance site" institutions. Under 38 CFR 16.102(f), an institution is engaged in human subject research whenever its employees or agents: intervene or interact with living individuals for research purposes; or obtain, release, or access individually-identifiable private information for research purposes. Assurances are filed through the VA Office of Research Oversight (ORO) with the Department of Health and Human Services (DHHS) Office for Human Research Protections (OHRP). The FWA replaces previous types of OHRP and VA assurances.

Biohazards. Biohazards include, but are not limited to, the following: Pathogens and/or etiologic agents, human and non-human primate tissues including blood and body secretions, and human cell lines corresponding to BSL 1-4 (see subpar. 6a); (2) Toxins produced by microbial organisms (see Centers for Disease Control and Prevention (CDC)-National Institutes of Health (NIH). Biosafety in Microbiological and Biomedical Laboratories 4th Edition p. 237); (3) Poisonous, toxic, parasitic and venomous animals or plants; (4) Recombinant DNA molecules (see subpar. 6g.); (5) Select agents, as specified in Title 42 Code of Federal Regulations (see reference listed at paragraph 6.b); (6) Animals experimentally or naturally exposed to any of the above (see CDC-NIH. Biosafety in Microbiological and Biomedical Laboratories 4th Edition pp. 53-75).

Engagement: The VAPHS is considered engaged in any research activity that: 1) is conducted by VAPHS employees (serving on compensated, work without compensation (WOC), or Intergovernmental Personnel Agreement (IPA) appointments) while on VA time, 2) utilizes VAPHS resources (such as equipment), and/or 3) is conducted on VAPHS property, including space leased to, or used by VAPHS.

Institutional Animal Care and Use Committee (IACUC). The IACUC is the local committee charged with ensuring compliance with animal research regulations and guidelines. In the VA system, the IACUC is organized administratively as a subcommittee of the Research and Development Committee.

Institutional Biosafety Committee (IBC). IBC is the subcommittee of the R&D Committee that reviews and approves the use of hazardous substances in VA research.

Human Research Protection Program (HRPP). An HRPP is a comprehensive system to ensure the protection of human subjects participating in research. The HRPP consists of a variety of individuals and committees such as: the Medical Center Director, Associate Chief of Staff (ACOS) for Research and Development (R&D), the Administrative Officer (AO) for R&D, compliance officers, etc., the R&D Committee, the IRBs, other committees or subcommittees addressing human subjects protection (e.g., Biosafety, Radiation Safety, Radioactive Drug Research, Conflict of Interest), investigators, IRB staff, research staff, health and safety staff (e.g., Biosafety Officer, Radiation Safety Officer) and research pharmacy staff. The objective of this system is to assist the institution in meeting ethical principles and regulatory requirements for the protection of human subjects in research.

Human Subject. A human subject is a living individual about whom an investigator conducting research obtains data through intervention or interaction with the individual or through identifiable private information (38 CFR 16.102(f)). The definition provided in the Common Rule includes investigators, technicians, and others assisting investigators, when they serve in a "subject" role by being observed, manipulated, or sampled. As required by 38 CFR 16.102(f) an intervention includes all physical procedures by which data are gathered and all physical, psychological, or environmental manipulations that are performed for research purposes.

NOTE: The FDA definition of human subject differs according to the applicable regulation. See 21 CFR 812.3(p), 21 CFR 50.3(g), 312.3(b,) and 56.102(e).

Institution. In the context of this SOP, an institution is a VA medical center or integrated VA health care system and its satellite facilities including community-based outpatient clinics.

IRB. An IRB is a board established in accordance with and for the purposes expressed in the Common Rule (38 CFR 16.102(g).) Within VHA, an IRB was formerly known as the Subcommittee on Human Studies. At VA medical centers, the IRB is a subcommittee of the R&D Committee.

Office of Research and Development (ORD). ORD is the office within VA Central Office responsible for the overall policy, planning, coordination, and direction of research activities within VHA. NOTE: The Research Integrity Development and Education Program (PRIDE) is the program within ORD that is responsible for training, education, and policy development related to human subjects protection.

Office of Research Oversight (ORO). ORO is the primary VHA office for advising the Under Secretary for Health on all matters regarding compliance and oversight of research in the protection of human subjects, animal welfare, and research safety. ORO oversees investigations of allegations of research misconduct.

Principal Investigator (PI). Within VA, a PI is an individual who conducts a research investigation, i.e., under whose immediate direction research is conducted, or, in the event of an investigation conducted by a team of individuals, is the responsible leader of that team. The FDA considers a PI and an investigator to be synonymous.

Quorum. A quorum is defined as a majority of the voting members as listed on the R&D Committee membership. At meetings of the R&D Committee, a quorum must be established and maintained for the deliberation and vote on all matters requiring a vote.

Research. Research is defined as the testing of concepts by the scientific method of formulating a hypothesis or research question, systematically collecting and recording relevant data, and interpreting the results in terms of the hypothesis or question. The Common Rule (38 CFR 16) defines research as a systematic investigation, including research development, testing and evaluation, designed to develop or contribute to generalized knowledge. NOTE: The FDA definition of research differs according to the applicable regulations; see 21 CFR 812.3(h), 21 CFR 50.3(c), 21 CFR 56.102(c), and 21 CFR 312.3(b).

Research and Development (R&D) Committee. The R&D Committee is charged with overseeing and the medical center's research program. At VAPHS, committees such as the IACUC, Institutional Biosafety Committee (IBC), Research Scientific Evaluation Committee, and both Institutional Review Boards (IRBs) are technically subcommittees of the R&D Committee.

VA Data or VA Information. VA data or VA information is information owned or in the possession of VA or any entity for, or on the behalf of, VA.

VA Research. VA research is research that is conducted by VA investigators (serving on compensated, work without compensation (WOC), or Intergovernmental Personnel Agreement (IPA) appointments) while on VA time, utilizing VA resources (e.g. equipment), and/or on VA property including space leased to, or used by VA. The research may be funded by VA, by other sponsors, or be unfunded. Once a study has been approved by the R&D Committee it becomes VA research.

VA Sensitive Information. VA sensitive information is all VA data, on any storage media or in any form or format, which requires protection due to the risk of harm that could result from inadvertent or deliberate disclosure, alteration, or destruction of the information (VA Handbook 6500). The term includes information whose improper use or disclosure could adversely affect the ability of an agency to accomplish its mission, proprietary information, records about individuals requiring protection under various confidentiality provisions such as the Privacy Act and the Health Insurance Portability and Accountability Act (HIPAA) Privacy Rule, and information that can be withheld under the Freedom of Information Act (FOIA). Examples of VA sensitive information include:

- (1) Individually-identifiable medical, benefits, and personnel information;
- (2) Financial, budgetary, research, quality assurance, confidential commercial, critical infrastructure, investigatory, and law enforcement information;
- (3) Information that is confidential and privileged in litigation, such as information protected by the deliberative process privilege, attorney work-product privilege, and the attorney-client privilege; and
- (4) Other information which, if released, could result in violation of law or harm or unfairness to any individual or group, or could adversely affect the national interest or the conduct of Federal programs.

I. Description

In accordance with VHA Handbook 1200.01, the VAPHS has an established R&D Committee. The R&D Committee is responsible, through the Chief of Staff (COS), to the medical center Director for advising and assisting the medical center Director in providing oversight, planning and execution of the VAPHS research program. Additionally, the R&D Committee is responsible for assisting the medical center Director in maintaining high standards throughout the R&D Program. Those standards include ensuring the: (a) scientific and ethical quality of VA research projects, (b) the protection of human subjects in research, (c) the safety of personnel engaged in research, (d) the welfare of laboratory animals, (e) security of VA data, and (f) the security of VHA research laboratories.

The Standard Operating Procedures (SOPs) for VA Pittsburgh Healthcare System (VAPHS) Research & Development (R&D) Committee serves as a reference for R&D Committee Members, subcommittee members, investigators and VAPHS administrative staff. These SOPs detail the policies and procedures guiding the activities of the R&D Committee and the regulations and policies that govern the R&D Committee in its oversight of the VAPHS Research Program.

II. Research and Development Program Roles and Authority

A. Responsibilities of the Medical Center Director

The medical center Director serves as the Institutional Official responsible for all aspects of the VAPHS research program, including but not limited to: human subjects protection, animal welfare care and use, privacy and security of VA data, and biosafety. In this role, the medical center Director is responsible for:

1. Ensuring that research in which VAPHS is engaged is approved by the appropriate R&D Committee subcommittees.
2. Ensuring that there are adequate resources and administrative support, including personnel, space, equipment, and training for the R&D Committee and its subcommittees to fulfill their responsibilities
3. Ensuring that investigators meet the requirements outlined in Section II.C below.
4. Appointing members of the R&D Committee.

B. Responsibilities of the Associate Chief of Staff for Research and Development (ACOS/R&D)

The ACOS/R&D is responsible for:

1. Notifying the investigator when a research project can be initiated. This notification occurs only after the research project has been approved by all applicable R&D Committee subcommittees, and after the R&D subcommittees' notifications of approvals have been approved by the R&D Committee. The ACOS for R&D is responsible for notifying the investigator of approval after continuing review by the R&D Committee and subcommittees.
2. Functioning as the Executive Secretary of the R&D Committee.
3. Ensuring that information pertaining to all requests for WOC appointments for research have been appropriately justified and the appointments are in compliance with all applicable research, Human Resource Management, and other VA policies.
4. Ensuring that all minutes of the R&D Committee and its subcommittees, are sent to the medical center Director and Chief of Staff for review and appropriate action.

5. Conducting the following quality assurance reviews on an annual basis:
 - a. Review of publications assessing the acknowledgement of VA support and affiliation.
 - b. Review of research employees involved in human subject research to ensure the employees are working within their scopes of practice and their privileges allowed by the facility's by-laws and granted to them by the facility.
 - c. Review of Cooperative Research and Development Agreements (CRADAs) and other agreements in support of the research program or specific research projects and an assessment of the impact of these agreements on the research program, when applicable.

The ACOS/R&D will share the results of these quality assurance reviews with the R&D Committee and provide updates regarding any issues on a periodic basis.

C. Responsibilities of the Investigator

The investigator is responsible for:

1. Confirming with the applicable service chief that he/she has been awarded the appropriate credentials and privileges to conduct research at VA prior to initiating any research.
2. Complying with all applicable personnel and other VA requirements whether the he or she is compensated, WOC, or IPA
3. Obtaining the complete approval of all appropriate non-research entities and the R&D Committee subcommittees, and written notification from the ACOS for R&D prior to initiating a research project.
4. Developing a research plan that is scientifically valid; minimizes risk to human subjects, animals used in research, and personnel; and contains a sufficient description of the research including all procedures and the plan for statistical analysis, to allow the R&D Committee subcommittees to fully review the research project.
5. Developing and implementing plans for data use, storage and security that are consistent with VA Directive 6500, Information Security Program , and its implementing Handbooks and other legal requirements
6. Preparing and submitting information, at least annually or as more often as required, on his/her research program(s) and each project to the appropriate R&D Committee subcommittee for continuing review.
7. Ensuring that all research proposals submitted for funding from any source support the mission of the VHA and enhance the quality of health care delivery to Veterans.

III. Responsibilities of the R&D Committee

A. Oversight of the Research Program

The R&D Committee is responsible for ensuring the effective operation of the research program through oversight of the R&D Committee's subcommittees and making appropriate recommendations, including space and resource needs, to the medical center Director based on the Committee's oversight and evaluation of the research program.

The R&D Committee must accomplish its responsibilities through the following activities or procedures:

- Planning and developing broad objectives for the research program so that it supports VA's mission
- Determining the extent to which the research program has met its objectives
- Overseeing all research activities for the VAPHS

In fulfilling its responsibilities the R&D Committee needs to rely on a variety of information sources including:

- Quality assurance activities, reports to the committee by the ACOS/R&D, AO/R&D, or other research staff members, subcommittee reports, facility reports or activities, and other appropriate resources.
- Review of subcommittee activities including:
 - Annual reviews of the Research Safety and Security Program (including planned training, compliance, security issues, etc.),
 - The Animal Care and Use Program (including inspection reports, IACUC composition, IACUC arrangements, budgets, space, support staff, training, quality improvement activities, compliance issues, and goals for the next year), and
 - The Human Research Protection Program (including IRB composition or IRB arrangements, credentialing and training status report, budget, space, support staff, quality improvement activities, compliance issues, and goals for the next year).

B. Review of Research

The R&D Committee is also responsible for establishing policy to ensure that all research in which the facility is to be engaged must be reviewed and approved for the ethical use of human subjects, animal, and biohazards. At VAPHS, the R&D Committee delegates the reviews of specific research proposals/projects to its subcommittees (e.g., the IRBs, RSEC, IACUC, and IBC). Additional reviews may also be conducted by relevant non-research committees (e.g., Radiation Safety Committee). Projects which cannot be assigned to one of the above subcommittees will be reviewed by the R&D Committee itself. Each review must promote:

1. Maintenance of high scientific standards of protocol review, and relevance to the mission of VA.
2. Protection of human subjects (including privacy and confidentiality) and the implementation of adequate safety measures for research subjects.
3. Welfare and appropriate use of animals in research.
4. Safety of personnel engaged in research.
5. Security of research laboratories where hazardous agents are stored or utilized and of all Biosafety Level 3 (BSL-3) research laboratories.
6. Security of VA data, VA protected information (VAPI), and VA sensitive information.

IV. R&D Committee Membership

A. Voting Members

The R&D Committee must consist of at least 5 voting members. The membership is selected to assure appropriate diversity, including representation by multiple professions and expertise, varying racial and ethnic backgrounds, and both genders. At least two members must be VAPHS

investigators who are actively engaged in major R&D programs or who can provide R&D expertise. Whenever possible, at least one voting member will have expertise in biostatistics and research design.

1. Appointment of R&D Members, Length of Service and Duties

Appointment: The voting members (both primary and alternates), are appointed by the Medical Center Director in writing and serve terms of 3 years, with a possibility for extension. Members may be reappointed without any lapse in time if it is deemed in the Committee's best interest. The terms of members are staggered to provide partial change in membership annually. Nominations for membership come from current R&D Committee members, subcommittee members, and this facility's staff.

Qualifications of Members/ Composition of Boards: In the appointment of R&D Committee members, equal consideration shall be given to qualified persons of both genders. No appointment to the R&D shall be made solely on the basis of gender. Every effort will be made to ensure that the R&D membership does not consist entirely of men or entirely of women. The R&D members will not consist entirely of members of one profession. The R&D members shall be sufficiently qualified to review the research through their experience, expertise and diversity, including consideration of race, gender, cultural backgrounds, and sensitivity to community issues and/or attitudes. Voting members of the R&D Committee must include:

- (a) At least two members from the VAPHS staff who have major patient care or management responsibilities
- (b) At least two members who are VA investigators actively engaged in major R&D programs or who can provide R&D expertise.
- (c) At least one member who holds an academic appointment, and is either a full time Federal employee or a part-time permanent Federal employee.

All voting members must be compensated full-time or permanent part-time federal government employees and may fill more than one criterion required for membership.

Alternate members may substitute for voting members and are formally appointed as alternate members by the Director of the VAPHS. These alternates replace regular R&D Committee members who are, on occasion, unable to attend convened meetings of the R&D. The R&D roster identifies the primary member(s) for whom each alternate member may substitute. The alternate member's qualifications shall be comparable to those of the primary member(s) to be replaced. When an alternate member replaces a primary member, the alternate member shall have received and reviewed the same material that the primary member would have received. In addition, the R&D minutes shall document when an alternate member replaces a primary member. If the alternate member and the primary member both attend an R&D Committee meeting, only the primary member may vote and only the primary member counts towards the quorum. If a primary member cannot attend a meeting, that member is responsible for notifying his/her alternate at least 5 business days before the meeting and for ensuring that the alternate receives the appropriate review material.

Duties: Each R&D member is expected to attend the convened meetings of the R&D Committee. Members are also expected to have reviewed the agenda for each meeting in advance of the meeting and be prepared for any subsequent discussion.

The R&D Chairperson has the authority to declare the position of any R&D member vacant if the R&D member misses more than two consecutive R&D meetings or more than five meetings during the course of a 12 month period or fails to consistently provide written reviews when requested. In this case a nomination for a replacement will be requested from among R&D membership, subcommittee members, or VAPHS staff. Names will be forwarded to the R&D Committee for consideration by the Director of the VAPHS.

Evaluation: R&D members will be evaluated annually by the R&D chairperson and the vice chair. The evaluation will be based on qualifications, fulfillment of education and training requirements, and attendance at required meetings.

2. Appointment of Chairperson and Vice Chairperson, Length of Service and Duties

Committee members, exclusive of the Ex-officio members, elect a Chairperson once every two years. The Chairperson is approved and officially appointed, in writing, by the Medical Center Director for a term of 2 years. The Chairperson may be re-appointed without any lapse in time. The Chairperson must not simultaneously chair a subcommittee of the R&D Committee.

The Committee members, exclusive of Ex-officio members, elect a Vice-Chairperson. The Vice-Chairperson is also approved and officially appointed, in writing, by the Medical Center Director for a term of two years. The Vice-Chairperson may be re-elected without any lapse in time and assumes the responsibilities of the Chairperson when the Chairperson is not available. The Chairpersons shall have the right to resign from the position of Chairperson upon notifying both the ACOS/R&D and the Medical Center Director within three months advance notice whenever possible to allow for an orderly transition.

Qualifications: The Chairperson of the R&D Committee shall be a voting member who has a significant physical presence at the VAPHS and is involved with the research program. The R&D Chairperson and R&D Vice-Chairperson will have earned the M.D., Ph.D. or equivalent degree. The Chairperson and Vice Chairperson must have at least one year of R&D Committee membership experience and must have completed all required R&D Committee member training as described in Section II.3. prior to appointment.

Authority: The R&D Chairperson and Vice Chairperson have the authority to approve the agendas of the R&D meetings as presented by the Research Office. The R&D Chair and Vice-Chair will represent, or appoint other members to represent, the R&D to the institutional administration, and the research staff. The R&D Chairperson or Vice Chairperson also has the authority to call an ad-hoc meeting of the R&D Committee as necessary.

Duties: The R&D Chairperson and Vice Chairperson are charged with the following responsibilities:

- A. To convene, conduct and ensure the documentation of all the meetings and official business of the R&D as well as to assure timely distribution of the monthly meeting agenda.
- B. To ensure that all R&D members meet minimum training requirements.
- C. To ensure that all R&D members and consultants provide a financial conflict of interest statement.

Evaluation: The R&D Chairperson and Vice-Chairperson will be evaluated annually by the ACOS/R&D. The evaluation will be based on qualifications, fulfillment of education and training requirements, and attendance at required meetings.

B. Ex-Officio Members

1. Ex-Officio Voting Members: Each of the R&D Subcommittees must be represented on the R&D. As such, by virtue of their positions, each subcommittee chair is appointed as an ex-officio voting member of the R&D Committee provided that their employment status allows such. In the case of the IRB, the overall IRB Chair is appointed as an ex-officio voting member. Those subcommittee chairs that are unable to serve as voting members will be appointed as Ex-Officio non-voting members (described in Section II.2.B.). Each Ex-Officio voting member will also have an alternate, who is formally appointed by the Director of the VAPHS.

2. Ex-Officio Non-Voting Members: Ex officio non-voting members of the R&D Committee include the medical center Director, the COS, the ACOS for R&D, the Deputy ACOS for R&D, the AO for R&D, the Research Education and Policy Coordinator, and Investigational Drug Service Representative. The ACOS for R&D functions as the Executive Secretary of the R&D. Subcommittee Chairpersons who due to their employment status, cannot serve as voting members of the R&D will be appointed as ex-officio non-voting members. Other ex-officio members may be appointed to the Committee if their appointments assist the R&D Committee in fulfilling its responsibilities. If the ex-officio members are not full or permanent part-time compensated VA or federal employees, they only provide individual advice to the R&D Committee, or exchange facts and information.

C. Guests

Others may be invited to assist the R&D Committee because of their competence in special areas in the review of issues requiring expertise beyond, or in addition to, that available on the Committee. For example, the VAPHS Research Compliance Officer(s) may attend to present or discuss research compliance or other regulatory issues. These individuals may not contribute to a quorum or deliberate or vote with the committee.

D. Training and Development of R&D Members

R&D Committee members are provided with a copy of the R&D Committee SOP at the time of their appointment to the committee and each time the SOP is updated. The Education and Policy Coordinator works closely with the ACOS/R&D, AO/R&D, and Committee Chairs to write and maintain the SOP. The SOP is reviewed and modified as needed to ensure compliance with contemporary federal and institutional regulations and policies.

All voting members of the R&D Committee fulfill the educational requirements specified by VHA, ORD, and other applicable Federal regulations found on ORD's website at: www.research.va.gov.

V. Subcommittees of the R&D

A. Subcommittee Establishment

The R&D Committee may establish any subcommittee(s) deemed necessary for the efficient and

effective management and oversight of the R&D program. The R&D Committee serves as a parent committee to all of its subcommittees and must review and approve subcommittee minutes. Each subcommittee must make available to the R&D Committee a complete, unredacted final set of minutes to be reviewed by the R&D Committee.

Subcommittee members must be compensated Federal employees, WOC, or IPAs. Findings and recommendations of the subcommittees are recorded and reported to the R&D Committee. At VAPHS, review and approval of specific protocols are managed by the subcommittees. The specific subcommittees include:

1. The Institutional Review Boards (IRBs #1 and #2)

The R&D Committee has charged the VAPHS IRB #1 and VAPHS IRB #2 with the oversight of all research activities involving the use of human subjects. This includes the responsibility of maintaining the assurances of compliance set forth in the Federal Wide Assurance obtained from the OHRP. The R&D Committee may only approve research involving human research subjects in accordance with all applicable Federal, VA and AAHRPP requirements in the protection of human research subjects and operations of the IRBs. The R&D Committee oversees the IRBs in this responsibility [VHA Handbook 1200.5, Requirements for the Protection of Human Subjects in Research]

2. Institutional Animal Care and Use Committee (IACUC)

The R&D Committee has charged the VAPHS IACUC with ensuring compliance with all applicable animal research regulations. The R&D Committee oversees the IACUC in this responsibility. VHA Handbook 1200.7 (Use of Animals in Research Handbook) and the Guide for the Care and Use of Laboratory Animals as the main resource used by the Association for AAALAC council on accreditation contain the procedures and principles by which the IACUC abides in the review and conduct of research involving animal research subjects.

3. Institutional Biosafety Committee (IBC)

The R&D Committee has charged the IBC with reviewing all research laboratory operations to ensure that accepted safety standards are being met, and to recommend corrective action if necessary when deficiencies are revealed. This committee is also charged with the review of research proposals involving toxic and/or hazardous chemicals, recombinant DNA or potential biohazards. It assesses the impact of each agent on the safety of personnel working in research laboratories. It abides by the policies outlined in VHA Handbook 1200.8 (Safety of Personnel engaged in research).The IBC is also responsible for managing biosecurity issues and ensures compliance with VHA Handbook 1200.06 (Control of Hazardous Agents in VA Research Laboratories).

4. Research Scientific Evaluation Committee (RSEC)

The purpose of this subcommittee is to assist the R&D committee in ensuring that research performed at VAPHS is of appropriate scientific quality and to provide assistance for new investigators in preparing competitive merit reviews. As such the R&D Committee has charged the RSEC with reviewing all protocols that will not be reviewed by one of the IRBs or IACUC, as

well as all projects that will be submitted for peer-reviewed funding. All human studies that are initially reviewed by one of the IRBs and determined to be exempt from IRB requirements will undergo continuing review by the RSEC. The RSEC may also be asked to review other projects at the request of the other subcommittees.

5. Financial Conflict of Interest Committee (FCOIC)

This subcommittee is charged with reviewing any real or perceived conflicts of interest identified by the Financial Conflict of Interest Administrator and determining what if any additional action must be taken with respect to the conflict.

B. Subcommittee Records

Each subcommittee must maintain adequate records, and retain such records according to VHA Directive 6300. These records include the following:

1. Copies of all research proposals and their amendments reviewed by the subcommittee and any accompanying materials.
2. All continuing or final reports.
3. Minutes of its meetings.
4. Copies of all written correspondence.
5. A membership list of all voting, non-voting, and ex-officio members including their appointed roles.
6. Written records documenting actions taken to carry out the Committee's responsibilities.
7. Standard Operating Procedures (SOPs), with the exception of the Continuing Review Subcommittee, which follows the procedures outlined in the R&D SOPs.
8. All communication to and from investigators, other committees, subcommittees, and other entities or individuals.

Research records may be electronic or paper. When original signatures are required on documents, either a paper copy of the signature sheet must be maintained or an electronic signature may be used. If an electronic signature is used, it must meet all the requirements of VA, the OHRP Office, the FDA), and any other Federal requirements.

At VAPHS each subcommittee is assigned a coordinator who is responsible for maintaining subcommittee records related to each of the above. All protocol specific records, however, are maintained in centrally located files within the Research Service. These files are generally organized by the investigator's last name and project number.

Any project which requires review by non-research entities (such as the Radiation Safety Committee) must be reviewed and approved by those non-research entities prior to final sub-committee approval being granted. The research may not be initiated until all applicable R&D Committee subcommittees have granted approval, and the investigator has been notified in writing by the ACOS/R&D/Designee.

VI. Meetings

A. Frequency

The R&D Committee holds meetings at least once per month. Additional meetings may be added at the discretion of the Chair.

B. Agenda

An agenda is developed prior to each meeting and is distributed to members five (5) business days prior to the meeting date.

The agenda includes the following:

1. Review and approval of R&D Committee minutes of the previous meeting.
2. Review and approval of each subcommittee's meeting minutes.
3. Old Business, any issues unresolved from a previous meeting.
4. Announcements, new non-study specific issues that do not require a vote.
5. New business, any issue that has arisen since the last meeting, including an en bloc review of those projects reviewed and granted initial approved by the subcommittees.

C. Quorum

A quorum is defined as more than half of all voting members. A quorum is required in for discussion of all items of business and for votes. It is strongly preferred that R&D Committee members be physically present at convened meetings. Members may be considered present if participating by teleconference or videoconferencing. Members participating via teleconference or videoconference must have received all pertinent material prior to the meeting and must be able to participate actively and equally in all discussions.

Unscheduled meetings may be held in response to ad-hoc issues. There must be a quorum present in person or by teleconference or videoconference for any unscheduled meetings. A quorum must be present to conduct business and must be present for each vote.

Members absenting themselves due to conflicts of interest may not be counted toward quorum requirements or be counted as among the majority of members necessary to constitute a quorum.

An individual who is not listed on the official R&D membership roster may not vote with the R&D.

Any ex-officio member of the R&D may not vote with the R&D.

When a member and his/her alternate both attend the meeting, only one can vote.

D. Decisions

Rules of parliamentary order will apply. Following the initial discussion, the Chair will seek a motion from the voting members. A motion will then be voted on and will pass with the vote of a simple majority of voting members present in the meeting room at the time of the vote.

E. Minutes

Minutes for each meeting are recorded. The minutes include the following information:

1. A list of all voting members and non-voting members, including ex officio members, indicating the category of their membership and whether they are present or absent. If an alternate is present in place of a voting member, the minutes indicate this fact and name who the alternate member is replacing.
2. The presence of a quorum. The quorum determination is verified and recorded by the research office staff member taking the minutes at the meeting.
3. Actions taken by the committee, to include:
 - a. The type of action.
 - b. The vote on the action, including the number for, against, and abstaining. In addition, any recused member from the vote is named, and whether the person was present during the discussion and the vote must be noted. If the member decides to be recused, the member must not be present for the discussion or vote.
 - c. The basis for requiring changes to a research project, program, or center to obtain approval.
 - d. Any required follow-up and which committee, subcommittee, or person is responsible for the follow-up.
 - e. The basis for disapproving a research project, program, or center when this occurs.
 - f. Action taken on minutes submitted to the Committee if not recorded in other R&D Committee records.
4. All minutes of the R&D Committee and its subcommittees are sent to the medical center Director through the ACOS for R&D and COS for review and signature.

F. Conflict of Interest

Like all VA employees, VA investigators and R&D Committee members comply with the Standards of Ethical Conduct for Executive Branch Employees and the Federal criminal code. The obligation to follow applicable ethics laws and regulations also applies to WOC employees

and IPA's conducting VA research or participating on a R&D Committee. R&D Committee members and VA investigators must also comply with VA requirements on financial conflicts of interest in research. Failure to follow these ethics laws and regulations can have serious consequences. If criminal ethics statutes are violated, civil fines and imprisonment can result. Severe administrative disciplinary action can result from violating ethics regulations, including suspension from employment, termination of employment, and/or other administrative punishment.

R&D Committee members with outside consulting, employment, or royalty payment opportunities must ensure that these activities do not present any actual or perceived financial conflict of interest, and must recuse themselves from any review for which any conflict of interest may exist. Such members may not be present during the deliberations or the vote.

It is the policy of the R&D that members recuse themselves from any deliberations or vote if they have any significant real or perceived conflict of interest with any issue being discussed. The member may not count toward quorum for that item. If a member has financial conflicts of interest or other relevant conflict of interest related to an issue being discussed, the member must declare that conflict of interest and recuse him/herself from deliberations and voting. In general, conflict of interest issues do not apply to the R&D Committee's "en bloc" review of subcommittee initial approvals since the review is not study specific and focuses more on the actions taken by the subcommittee. Additionally, conflict of interest issues do not apply to the R&D Committee's review of subcommittee actions related to programmatic non-compliance since the focus of these reviews is on the actions taken by the subcommittee only. R&D members should however remain cognizant of any perceived conflict and recuse themselves when appropriate.

VII. Review Items

A. Policies and Standard Operating Procedures

The R&D Committee is responsible for reviewing all new or modified policies and standard operating procedures related to the conduct of research at VAPHS. These include policies and SOPs related to subcommittee functions and those addressing general research program operations. The R&D Committee must ensure that the policies and procedures governing these committees are consistent with the relevant VHA Handbooks and Directives. Upon the conclusion of the review, the R&D makes one of the following determinations:

1. The document is approved without changes,
2. The document is approved with specific changes to be made prior to implementation
3. Specific changes are required before the document can be approved. In this case the committee must also determine whether or not the revised document needs to be reviewed and approved by the fully convened committee prior to approval or if review and approval by the Chair/designee is acceptable; or
4. The document should be reviewed by other parties (ex. legal counsel, the Research Compliance Committee, IRB) prior to final R&D approval.

Each policy and SOP is marked with the approval date. This date corresponds to the date that the R&D Committee (either the fully convened committee or Chair/Designee) approved the document. All policies are also signed-off on by the R&D Committee Chair and the

ACOS/R&D. Signatures may be real or may be documented by electronic signature.

B. Subcommittee Initial Approvals

Each subcommittee of the R&D Committee (i.e., the Institutional Review Boards (IRBs), Institutional Biosafety Committee (IBC), Research Scientific Evaluation Committee (RSEC), Institutional Animal Care and Use Committee (IACUC) and other such entities must notify the R&D Committee of initial project approvals via a written communication signed by a voting committee member of the committee. In particular, once a project has been reviewed and approved by a subcommittee, a subcommittee approval letter, signed by the subcommittee Chairperson/Designee is drafted. The approval letter is then forwarded to the R&D Committee as notification of subcommittee approval. Each of the projects for which there is an approval letter is then placed on the next R&D Committee agenda for review and approval. During the meeting, the R&D Committee completes an “en bloc” review of the list(s) of projects and takes an action on each subcommittee list. If approved, a letter, signed by the R&D Committee Chair or Designee, indicating that all appropriate subcommittee and R&D Committee approvals have been obtained is then issued to the ACOS/R&D. Only once R&D Committee approval is granted does the research become VA approved research. No study can be initiated until the ACOS/R&D/Designee notifies the investigator that the project has been approved by all relevant committees, subcommittees, or other entities.

If, under any circumstances, the R&D Committee disapproved a project or list of projects approved by a subcommittee, a letter from the R&D Committee Chair to the appropriate subcommittee chair would be issued, noting the reason for disapproval.

C. Central IRB

1. Initial Reviews: All studies approved by the VA Central IRB (CIRB) in which the VAPHS is a participating site must also be approved by the VAPHS R&D Committee. In accordance with the Memorandum of Understanding between the VAPHS and the Central IRB, the VA Central IRB reviews each Principal Investigator application and local site application and provides initial review considerations to the VAPHS. In order to ensure that reviews are completed in a timely fashion and that all local issues are appropriately addressed, VAPHS investigators participating as site investigators in Central IRB projects must submit a copy of their Local Site Application (VA Central IRB Form 104), and all supporting documents to the VAPHS Research Office at the same time that they submit their local application to the Central IRB. In addition to the Local Site Application, the VAPHS requires that investigators also submit support letters from all affected service lines, as well as Part I. Once the VAPHS Research Office is notified by VA Central IRB regarding Central IRB’s initial review considerations, individuals designated by the Research Office will review the VAPHS investigator’s submission, as well as the Central IRB initial review considerations and provide comments and/or suggestions to the VA Central IRB within 30 calendar days from the date of receipt. Once written notification of VA Central IRB final approval or exemption has been obtained, the VAPHS Research Office must notify the VAPHS investigator and VA Central IRB within 10 calendar days after receipt, whether or not VAPHS will participate in the project or declines participation. If the VAPHS agrees to participate, a copy of the notification will be forwarded to the R&D Committee at its next scheduled meeting for

approval. Once R&D approval has been obtained, the R&D committee will notify the ACOS/R&D of R&D approval. Only once a letter from the ACOS/R&D to the investigator indicating that all appropriate approvals are in place can the project begin.

2. Continuing Reviews: The VA Central IRB will conduct continuing review of approved projects at least once per year, or more often if determined appropriate. The R&D Committee will not conduct continuing reviews.

D. Subcommittee Annual Reports

The R&D must perform a review and evaluation of all subcommittees at least annually. Each subcommittee is responsible for submitting an annual report to the R&D outlining its activities over the prior 12 months. The reports should include, but are not limited to the following information:

- A review of the subcommittee membership/composition
- A review of the resources allocated to the subcommittee (including support staff and space)
- A summary of any quality improvement/quality assurance activities conducted to assess or improve subcommittee operations
- Goals for the upcoming year

The reports of each subcommittee are reviewed at the R&D meeting(s) held in October. A representative from each respective subcommittee is required to attend the meeting(s) and provide an oral presentation summarizing the activities of the subcommittee during the previous year.

A summary of these reviews and evaluations must be sent to the medical center Director annually.

E. Program Evaluations

In addition to the subcommittee annual reports, the R&D Committee must also conduct the following activities:

- Annual reviews of the Research Safety and Security Program (including planned training, compliance, security issues, etc.).
- Annual review of the Animal Care and Use Program (including inspection reports, budgets, space, staffing, training, compliance issues, and goals for the upcoming year)
- The Human Research Protection program (including credentialing and training status reports, budget, space support staff, quality improvement activities, compliance issues, and goals for the upcoming year)

These program evaluations can be done in conjunction with subcommittee reviews, when appropriate. A report must be prepared and submitted to the R&D Committee for review. A representative of each program must be physically present at the R&D Committee meeting to summarize the report and answer any questions raised by the Committee. Actions taken are outlined in Section VIII.

F. Subcommittee Minutes

Each R&D subcommittee must make available to the R&D Committee a complete, unredacted final set of minutes for review and approval. In the instance that there is any question or need for clarification regarding subcommittee minutes, the R&D Committee Chair will send written notification to the appropriate subcommittee Chair.

G. Publications

In accordance with VAPHS Research and Development Office Policy #005, Presentation of Research Results, all publications and any presentations pertaining to research conducted at, or under the auspices of the VA Pittsburgh Healthcare System must be reviewed by the R&D Committee at least annually. Actions taken are outlined in Section VIII.

H. Quality Assurance/Quality Improvement Project Reports

The R&D Committee may request that quality assurance/quality improvement projects be conducted to assess or improve research operations. In this case, a written report summarizing the results of the project must be presented to the R&D Committee. Actions taken by the Committee are outlined in Section VIII.

I. Audit Results

The Research Compliance Officer (RCO) must ensure that the results of all informed consent audits and each regulatory audit are presented to the R&D Committee in a timely fashion. With the exception of those audits, in which a finding of apparent serious or continuing non-compliance is made or a reportable event is discovered, the results of regulatory audits are presented to the R&D in the form of subcommittee minutes. Actions taken by the Committee are outlined in Section VIII.

J. Reportable Events

The R&D must be notified of all reports made to the Medical Center Director of reportable events, including but not limited to:

- Serious or Continuing Non-Compliance
- Unanticipated Serious Adverse Events
- Serious Unanticipated Problems Involving Risks to Subjects or Others
- Suspensions or Terminations of Research
- Any incident determined by the VAPHS IACUC, IRB, IBC, or ACOS/R&D/Designee to be reportable under VHA, Federal, or local regulations, laws or policies
- Decommissioning of a laboratory without proper authorization
- Findings of Non-compliance with animal research requirements by any VA office (other than ORO) or any other Federal or state entity (e.g., United States Department of Agriculture (USDA) or Office of Laboratory Animal Welfare (OLAW))

Actions taken by the Committee are outlined in Section VIII.

K. Allegations of Undue Influence/Coercion

Allegations of undue influence, coercion, or harassment may come from different sources, including but not limited to, outside entities, research committee members, and VAPHS staff. The anonymity of the source is preserved whenever possible. Attempts to exert undue influence

on any research committee members or staff or any members of the HRPP, animal welfare program and research biosafety and biosecurity program are reported to the Research Compliance Office. The Research Compliance Officer will prepare a written report and forward it to the Research Integrity Officer (RIO) or his/her designee if the former is not available or is listed in the complaint. The RIO will determine whether any immediate investigation is needed prior to the convened meeting of the R&D. The report along with any other relevant documents will be placed on the next R&D meeting agenda for review.

The R&D has the responsibility and authority to respond to attempts to unduly influence the IRB or any other research committee. The R&D will conduct further investigation as needed, make an assessment of the report, and decide upon actions to address the problem. Any member of the R&D named in the report will recuse himself or herself from committee deliberations and from receiving committee minutes on the issue. Remedial actions and/or consequences of findings of undue influence will be determined by the R&D as specified in section VIII.

A description of actions taken by the R&D will be provided to the originator of the report of undue influence, under conditions of confidentiality, if desired by that person.

L. Findings of Programmatic Non Compliance

The R&D Committee must be notified of any determination of programmatic non-compliance made by one of its subcommittees. A copy of the report outlining the determination and remedial action required will be forwarded to the R&D Committee coordinator and must be reviewed by the R&D at the next meeting. Actions taken by the Committee are outlined in Section VIII.

M. Other Reports and Information

The R&D Committee must also review any other reports or information (including but not limited to that provided by the ACOS/R&D, AO for R&D, other research staff members, VHA Office of Research and Development, VA Office of Research Oversight) that may have an impact on the VAPHS Research Program. Such items may include but is not limited to: 1) Center Applications, 2) Memos regarding participation of VAPHS Staff in research that does not utilize VA resources, 3) Memos requesting waivers of VAPHS New Investigator/New Coordinator Education Requirements, and 4) Subcommittee membership. Actions taken by the Committee are outlined in Section VIII.

VIII. R&D Committee Actions

R&D Committee actions, in general, focus on strategic planning and oversight/management of the Research Program. As such, the R&D Committee may accept reports, notifications, etc with no further comment or may take the following actions:

1. Request additional information from a specific person or persons, subcommittee, committee or other entity.
2. Recommend that a quality improvement/quality assurance project be undertaken to evaluate the effectiveness of a specific policy or procedure.
3. Develop strategies to address infrastructure and programmatic needs.
4. Consult with the ACOS/R&D to address any programmatic weaknesses or areas for

improvement

5. Recommend that the issue be forwarded to a specific person or persons, subcommittee, committee or other entity.
6. Recommend that policies, SOPs or guidance be developed, revised, or improved in response to a specific issue or item.
7. Forward the issue to the Director's Office for further investigation.
8. Recommend to the Medical Center Director that a study be suspended or that an investigator's research privileges be restricted or revoked.
9. Concur with the information provided.

IX. R&D Correspondence

Any recommendations or requirements made by the R&D Committee will be communicated to the appropriate individual(s), committees or entities in writing. In such an instance, a memo will be generated from the R&D Chair, detailing the recommendations or requirements.

X. R&D Committee Records

The R&D Committee must maintain adequate documentation of all of its activities. Records include, but are not limited to the following:

1. Minutes of the R&D Committee and its subcommittees
2. Copies of all written correspondence
3. Membership lists for the R&D Committee and its subcommittees
4. Written records documenting the actions taken by the R&D Committee in order to carry out its responsibilities, if not adequately recorded in the R&D Committee minutes.

R&D Committee records are the property of the VA, and must be retained as outlined in the VHA Records Control Schedule (RCS) 10-1, or longer depending upon other applicable policies and regulations such as the Food and Drug Administration (FDA) regulations or medical record retention policies.