

(b) *Fabrication* means making up data or results and recording or reporting them.

(c) *Falsification* means manipulating research materials, equipment, or processes, or changing or omitting data or results such that the research is not accurately represented in the research record.

(d) *Plagiarism* means the appropriation of another person's ideas, processes, results, or words without giving appropriate credit.

(e) *Awardee institution* means any public or private entity or organization (including a Federal, State, or local agency) that is a party to a NASA contract, grant, cooperative agreement, Space Act agreement, or to any other transaction with NASA, whose purpose includes the conduct of research.

(f) *NASA research* means research wholly or partially funded or supported by NASA involving an awardee institution or a NASA installation. This definition includes research wholly or partially funded by NASA appropriated funds, or research involving the use of NASA facilities, equipment, or personnel.

(g) *NASA research discipline* means one of the following areas of research that together comprise NASA's research mission for aeronautics, space science, Earth science, biomedicine, biology, engineering and physical sciences (physics and chemistry).

(h) *Inquiry* means the assessment of whether an allegation of research misconduct has substance and warrants an investigation.

(i) *Investigation* means the formal development of a factual record and the examination of that record leading to recommended findings on whether research misconduct has occurred, and if the recommended findings are that such conduct has occurred, to include recommendations on appropriate administrative actions.

(j) *Complainant* is the individual bringing an allegation of research misconduct related to NASA research.

(k) *Respondent* is the individual or institution who is the subject of an allegation of research misconduct related to NASA research.

(l) *Adjudication* means the formal procedure for reviewing and evaluating

the investigation report and the accompanying evidentiary record and for determining whether to accept the recommended findings and any recommendations for administrative actions resulting from the investigation.

(m) *NASA Adjudication Official* is the NASA Associate Administrator for the Enterprise with the greatest expertise in the NASA research discipline involved in the research misconduct allegation. The appendix to this part contains the list of NASA research disciplines and their associated Enterprises.

(n) *Appeal* means the formal procedure initiated at the request of the Respondent for review of a determination resulting from the adjudication and for affirming, overturning, or modifying it.

(o) *NASA Appeals Official* is the NASA Deputy Administrator or other official designated by the NASA Administrator.

§ 1275.102 OIG handling of research misconduct matters.

(a) When an allegation is made to the OIG, rather than to the awardee institution, the OIG shall determine whether the allegation concerns NASA research and whether the allegation, if true, falls within the definition of research misconduct in § 1275.101(a). Investigation of allegations which, if true, would constitute criminal offenses, are not covered by this part. If these criteria are met and the research in question is being conducted by NASA researchers, the OIG shall proceed in accordance with § 1275.104. If the research in question is being conducted at an awardee institution, another Federal agency, or is a collaboration between NASA researchers and co-investigators at either academia or industry, the OIG must refer the allegation that meets the definition of research misconduct to the entities involved and determine whether to—

(1) Defer its inquiry or investigation pending review of the results of an inquiry or investigation conducted at the awardee institution or at the Federal agency (referred to for purposes of this part as *external investigations*) determined to be the lead investigative organization for the case; or

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(2) Commence its own inquiry or investigation.

(b) The OIG must inform the NASA Office of the Chief Scientist of all allegations that meet the definition of research misconduct received by the OIG and of the determinations of the OIG required by § 1275.101. The NASA Office of the Chief Scientist shall notify the NASA Office of the Chief Engineer or the NASA Office of the Chief Technologist when the research is either engineering or technology research.

(c) The OIG should defer its inquiry or investigation pending review of the results of an external investigation whenever possible. Nevertheless, the OIG retains the right to proceed at any time with a NASA inquiry or investigation. Circumstances in which the OIG may elect not to defer its inquiry or investigation include, but are not limited to, the following:

(1) When the OIG determines that the awardee institution is not prepared to handle the allegation in a manner consistent with this part;

(2) When the OIG determines that NASA involvement is needed to protect the public interest, including public health and safety;

(3) When the OIG determines that the allegation involves an awardee institution of sufficiently small size that it cannot reasonably conduct the investigation itself;

(4) When the OIG determines that a NASA program or project could be jeopardized by the occurrence of research misconduct; or

(5) When the OIG determines that any of the notifications or information required to be given to the OIG by the awardee institution pursuant to § 1275.103(b) requires NASA to cease its deferral to the awardee institution's procedures and to conduct its own inquiry or investigation.

(d) A copy of the investigation report, evidentiary record, and final determination resulting from an external investigation must be transmitted to the OIG for review. The OIG shall determine whether to recommend to the NASA Adjudication Official, or to the lead investigative organization in cases that involve multiple institutions, acceptance of the investigation report and final determination in whole or in

part. The OIG's decision must be made within 45 days of receipt of the investigation report and evidentiary record. This period of time may be extended by the OIG for good cause. The OIG shall make this decision based on the OIG's assessment of the completeness of the investigation report, and the OIG's assessment of whether the investigating entity followed reasonable procedures, including whether the Respondent had an adequate opportunity to comment on the investigation report and whether these comments were given due consideration. If the OIG decides to recommend acceptance of the results of the external investigation, in whole or in part, the OIG shall transmit a copy of the final determination, the investigation report, and the evidentiary record to the NASA Adjudication Official, and to the NASA Office of the Chief Scientist. When the OIG decides not to recommend acceptance, the OIG must initiate its own investigation.

(e) In the case of an investigation conducted by the OIG, the OIG shall transmit copies of the investigation report, including the Respondent's written comments (if any), the evidentiary record and its recommendations, to the institution, to the NASA Adjudication Official and to the NASA Office of the Chief Scientist.

(f) Upon learning of alleged research misconduct, the OIG shall identify potentially implicated awards or proposals and, when appropriate, shall ensure that program, grant, or contracting officers handling them are informed. Neither a suspicion nor allegation of research misconduct, nor a pending inquiry or investigation, shall normally delay review of proposals. Subject to paragraph (g) of this section, reviewers or panelists shall not be informed of allegations or of ongoing inquiries or investigations in order to avoid influencing reviews. In the event that an application receives a fundable rating or ranking by a review panel, funding can be deferred by the program until the completion of the inquiry or investigation.

(g) If, during the course of an OIG conducted inquiry or investigation, it appears that immediate administrative

action, as described in § 1275.106, is necessary to protect public health or safety, Federal resources or interests, or the interests of those involved in the inquiry or investigation, the OIG shall inform the NASA sponsor for the research and the NASA Office of the Chief Scientist.

§ 1275.103 Role of awardee institutions.

(a) The awardee institutions have the primary responsibility for prevention and detection of research misconduct and for the inquiry, investigation, and adjudication of research misconduct alleged to have occurred in association with their own institutions, although NASA has ultimate oversight authority for NASA research.

(b) When an allegation of research misconduct related to NASA research is made directly to the OIG and the OIG defers to the awardee institution's inquiry or investigation, or when an allegation of research misconduct related to NASA research is made directly to the awardee institution which commences an inquiry or investigation, the awardee institution is required to:

- (1) Notify the OIG if an inquiry supports a formal investigation as soon as this is determined.
- (2) Keep the OIG informed during such an investigation.
- (3) Notify the OIG immediately—
 - (i) If public health or safety is at risk;
 - (ii) If Federal resources, reputation, or other interests need protecting;
 - (iii) If research activities should be suspended;
 - (iv) If there is reasonable indication of possible violations of civil or criminal law;
 - (v) If Federal action is needed to protect the interests of those involved in the investigation; or
 - (vi) If the research community or the public should be informed.
- (4) Provide the OIG with a copy of the investigation report, including the recommendations made to the awardee institution's adjudication official and the Respondent's written comments (if any), along with a copy of the evidentiary record.

(5) Provide the OIG with the awardee institution's final determination, including any corrective actions taken or planned.

(c) If an awardee institution wishes the OIG to defer its own inquiry or investigation, the awardee institution shall complete any inquiry and decide whether an investigation is warranted within 60 days. It should similarly complete any investigation, adjudication, or other procedure necessary to produce a final determination, within an additional 180 days. If completion of the process is delayed, but the awardee institution wishes NASA's deferral of its own procedures to continue, NASA may require submission of periodic status reports.

(d) Each awardee institution must maintain and effectively communicate to its staff, appropriate policies and procedures relating to research misconduct, including the requirements on when and how to notify NASA.

§ 1275.104 Conduct of Inquiry by the OIG.

(a) When an awardee institution or another Federal agency has promptly initiated its own investigation, the OIG may defer its inquiry or investigation until it receives the results of that external investigation. When the OIG does not receive the results within a reasonable time, the OIG shall ordinarily proceed with its own investigation.

(b) When the OIG decides to initiate a NASA investigation, the OIG must give prompt written notice to the individual or institution to be investigated, unless notice would prejudice the investigation or unless a criminal investigation is underway or under active consideration. If notice is delayed, it must be given as soon as it will no longer prejudice the investigation or contravene requirements of law or Federal law-enforcement policies.

(c) When alleged misconduct may involve a crime, the OIG shall determine whether any criminal investigation is already pending or projected. If not, the OIG shall determine whether the matter should be referred to the Department of Justice.

(d) When a criminal investigation by the Department of Justice or another