

ST EVALUATION CHECK LIST

CLASSIFICATION FACTORS	DEGREE E —10 POINTS	DEGREE F 12 PTS	DEGREE G —14 POINTS	DEGREE H 16-18 PTS
RESEARCH SITUATION OR ASSIGNMENT a. SCOPE	<input type="checkbox"/> Research assignments are of such scope and complexity as to require subdivision into separate phases, some of which are considerably broad and complex. <input type="checkbox"/> The researcher typically works as a primary investigator but may also be a project member.	<input type="checkbox"/>	<input type="checkbox"/> 1. Responsible as a team leader of senior personnel for formulating and guiding a broad scale attack on critical problems in frontier areas of national or international scope and importance. <input type="checkbox"/> 2. Responsible for attacking basic research problems of such fundamental interest and extraordinary difficulty that projects influence planned activities of numerous scientists in Government, academic institutions and private industry.	<input type="checkbox"/>
b. COMPLEXITY	<input type="checkbox"/> Projects/problems are exceptionally difficult and unyielding to investigation and require unconventional or novel approaches or complex research techniques.	<input type="checkbox"/>	<input type="checkbox"/> 1. Projects are pushing frontiers in several areas of science that are typical of Degree E. <input type="checkbox"/> 2. There have been numerous attempts by highly competent scientist to explore an area and gain a fundamental understanding of processes or phenomena,. New Hypotheses, concepts, and techniques must be developed for attack and interpretation, frequently challenging existing theory with irrefutable insights on processes or phenomena studied.	<input type="checkbox"/>
c. IMPORTANCE OF END RESULTS	<input type="checkbox"/> Typically, research studies of this scope will result in major advances or open the way for extensive related development; progress in areas of exceptional interest to the scientific and professional community; important changes in theories, methods, and techniques; opening significant new avenues for further study; or, contributions answering important questions in the field.	<input type="checkbox"/>	<input type="checkbox"/> The assignment and leadership exercised influence the shaping of agency program goals, advancement of programs, and understanding of the total field. Results should be a series of contributions to the field that clearly demonstrate over a substantial period that effectiveness of the research is recognized to lead in defining the area under attack or the field of science as a whole.	<input type="checkbox"/>
SUPERVISION RECEIVED a. ON ASSIGNMENT	<input type="checkbox"/> Technical supervision is consultative in nature. The researcher works under broad administrative supervision that is limited to approving staffing, funds, and facilities and to provide guidance on broad agency policies.	<input type="checkbox"/>	<input type="checkbox"/> Supervisory relationship fully reflects recognition of the researcher as a top authority in the field internationally, and as a distinguished and brilliant scientist. Technical supervision is non-existent, and administrative oversight is cursory. There are few if any bounds on the development of the research, and the research influences the direction of the organization's overall technical program.	<input type="checkbox"/>
b. IN PROCESS	<input type="checkbox"/> Within the framework of management's objectives and priorities, the researcher is responsible for formulating research plans and hypotheses; carrying out the project plan; interpreting findings and assessing their organizational and professional applicability; and locating and exploring the most promising areas of research in relation to agency program needs and state of the science or discipline.	<input type="checkbox"/>	<input type="checkbox"/> There is a degree of confidence in and reliance on the researcher's productivity, competence, and judgment, such that there is an unusual level of support for recommendations, as well as for most novel and as of yet unproven investigations.	<input type="checkbox"/>
c. ON COMPLETION	<input type="checkbox"/> Management accepts the researcher's findings as technically authoritative as a basis for decisions, and as acceptable for review by the scientific community.	<input type="checkbox"/>	<input type="checkbox"/> Interpretations, recommendations, and conclusions having major impact on matters of great urgency and significance are furnished to other agencies and the professional community.	<input type="checkbox"/>
GUIDELINES a. GUIDELINES AVAILABLE	<input type="checkbox"/> There is almost complete absence of guidelines, pertinent literature, and methodology.	<input type="checkbox"/>	<input type="checkbox"/> There is a complete absence of guidelines, pertinent literature and methodology that pertain to the researcher's pioneering projects.	<input type="checkbox"/>

