



ENTOMOLOGICAL SOCIETY OF AMERICA

SHARING INSECT SCIENCE GLOBALLY

The below provides the scoring rubric for each area of focus for nomination for ESA Fellow. For additional information on the award and the application process visit <https://www.entsoc.org/awards/honors/fellows>

Research Scoring Rubric

Impacts (Maximum 30 points)

Extensive evidence for creation of pioneering approaches to the application of research data leading to new paradigms, economic opportunities, and/or direct evidence for a positive impact on society and the human condition.

Considerations for Review:

- Degree of difficulty of changes implemented or problems addressed.
- Degree of adaptability and transformation.
- Sustained impacts of several “outputs” versus a single “output”.
- Significance of outputs to entomology and stakeholders outside their organization.

Outputs and Publications (Maximum 30 points)

Publications: Extensive record of refereed publications in ESA or other high-quality journals that demonstrate discoveries leading to the increased understanding of one or more components of entomological science. The body of work must be productive in number and compelling in scope and impact to the understanding of entomological science.

Patents: Extensive record of patents issued related to discoveries that create novel technologies that are considered highly progressive and impactful in the era of their discovery.

Considerations for review:

- Documentation of outputs are widely available for adoption or replication by others.
- Documentation of patents issued and implemented in new innovations.

Awards and Recognition (Maximum 10 points)

Awards and recognition related to the nomination focus area from the nominee’s institution, professional organizations, and/or stakeholder groups. Here, the nominator may also refer to the nominee’s funding record.

Considerations for review:

- Scope of peers competed against (local, state, national, or global; within entomology versus across disciplines). (National and International level recognition carries more weight than a local award.)

- Award sponsors representing stakeholder groups versus their own organization. (Award from a group that represents recipients of the nominee's impacts rather than of home institution/employer carries more weight.)

Mentorship and Advisory Roles (Maximum 20 points)

Extensive evidence that nominee has mentored and trained others toward their success and/or has served in an advisory capacity as a subject matter expert to influence other projects and policy related to entomology. ESA has a commitment to develop all members, and the expected outcome is that mentees will be of diverse perspectives and backgrounds and can describe how they have been positively impacted as a result of the interactions with the nominee. The expectation of widely documented expertise and status as an opinion leader is essential.

Considerations for review:

- Evidence of inclusive culture.
- Those within their teams or stakeholders related to the impacts and outputs have further developed, received recognition, and elevated their own leadership.

Service (Maximum 10 points)

Evidence of contributions to their company, agency, institution, professional society, and community. These may include volunteer or elected positions held, evidence of peer review for journals, and work improving the discipline of entomology.

Considerations for review:

- Evidence of service with a broad reaching impact, with documented results. (National and International level service carries more weight than a local service.)
- Nominee's guidance and impacted a large number of individuals, possibly significant cultural change.

Teaching Scoring Rubric

Impacts (Maximum 40 points)

Extensive record and documented evidence of teaching influence, with the effect of positively raising the profile of entomology in the relevant target community. The body of work should include a record of classroom success, using criteria such as class evaluations and enrollment growth, and analytical evidence that new materials created (e.g., texts) and the innovative methods or novel approaches that were developed were transformative and had a positive effect on learning outcomes. For individuals without a direct teaching appointment the nomination packet should show extensive evidence of activities within the teaching focus area. Evidence of teaching excellence could include an appointment as an adjunct professor, creation of progressive intern or mentoring programs, regular guest lecturer appointments in multiple units or at multiple institutions, or demonstration of technology transfer to benefit the target audience through application of entomological science. Analytical evidence of how the nominee's teaching efforts had a transformative effect on the teaching of insect science should be provided.

Considerations for Review:

- Degree of difficulty of changes
- implemented or problems addressed.
- Degree of adaptability and transformation.
- Sustained impacts of several “outputs” versus a single “output”.
- Significance of outputs to entomology and stakeholders outside their organization, especially the K-12 and Undergraduate teaching community.

Outputs and Publications (Maximum 20 points)

A record of refereed publications in high quality educational or entomology journals and magazines, or shared resources (lesson plans, curricula, etc.) made available to educators, that demonstrate discoveries leading to better learning outcomes through the improved instruction of entomology or use of insects as mechanisms for instruction.

Considerations for review:

- Documentation of outputs are widely available for adoption or replication by others.

Awards and Recognition (Maximum 10 points)

Awards and recognition related to the nomination focus area for the nominee's institution and/or stakeholder groups that demonstrate the progressive nature of improving instruction of entomology or of topics for which insects may be used as a mechanism for instruction. Here the nominator may also refer to the nominee's record of support for the nominee's teaching efforts.

Considerations for review:

- Scope of peers competed against (local, state, national, or global; within entomology versus across disciplines).(National and International level recognition carries more weight than a local award.)
- Award sponsors representing stakeholder groups versus their own organization. (Award from a group that represents recipients of the nominee's impacts rather than of home institution/employer carries more weight.)

Mentorship and Advisory Roles (Maximum 10 points)

Extensive evidence that nominee has mentored and trained others toward their success and/or has served in an advisory capacity as a subject matter expert to influence other projects and policy related to entomology. ESA has a commitment to develop all members, and the expected outcome is that mentees will be of diverse perspectives and backgrounds and can describe how they have been positively impacted as a result of the interactions with the nominee. The expectation of widely documented expertise and status as an opinion leader is essential.

Considerations for review:

- Evidence of inclusive culture.
- Those within their teams or stakeholders related to the impacts and outputs have further developed, received recognition, and elevated their own leadership.

Service (Maximum 20 points)

Evidence of contributions to their company, agency, institution, professional society, and community. These may include volunteer or elected positions held, evidence of peer review for journals, and work improving the discipline of entomology.

Considerations for review:

- Evidence of service with a broad reaching impact, with documented results. (National and International level service carries more weight than a local service.)
- Nominee's guidance and impacted a large number of individuals, possibly significant cultural change.

Extension Scoring Rubric

Impacts (Maximum 40 points)

Extensive record and documented evidence of influence in the adoption and use of best evidence-based practices with the effect of raising the profile of entomology in target communities. Supportive record of applied research and widely viewed as a credible expert. Creation of, or significantly contributed to, innovative uses of information delivery systems, with impact documented as shifts in common practice to best practice for the era. Impacts and outcomes should be measurable (i.e., knowledge gained, intent to practice, behavior changes, economic impacts, policy changes). Nomination package should explain what problem(s) the nominee solved or what difference the program designed by the nominee made to stakeholders (policy changes, economic impacts, and/or measurable positive behavioral changes).

Considerations for Review:

- Degree of adoption of evidence-based practices.
- Degree of difficulty of changes implemented or problems addressed.
- Sustained impacts of several "outputs" versus a single "output".
- Significance of outputs to entomology and stakeholders outside their organization.

Outputs and Publications (Maximum 20 points)

A record of publications and outputs that are connected to the nominee's Extension activities, including but not limited to refereed articles, manuals, newsletters, blogs, Extension bulletins, media contacts, social media reach, websites, software, and apps, that demonstrate the success of the nominee's Extension activities.

Considerations for review:

- Documentation of outputs are widely available for adoption or replication by others.

Awards and Recognition (Maximum 10 points)

Awards and recognition related to the nomination focus area from the nominee's institution and/or stakeholder groups that demonstrate the progressive nature and value of raising the application of

entomological science in the relevant target communities. Here, the nominator may also refer to the nominee's funding record.

Considerations for review:

- Scope of peers competed against (local, state, national, or global; within entomology versus across disciplines). (National and International level recognition carries more weight than a local award.)
- Award sponsors representing stakeholder groups versus their own organization. (Award from a group that represents recipients of the nominee's impacts rather than of home institution/employer carries more weight.)

Mentorship and Advisory Roles (Maximum 20 points)

Extensive evidence that nominee has mentored and trained others toward their success and/or has served in an advisory capacity as a subject matter expert to influence other projects and policy related to entomology. ESA has a commitment to develop all members, and the expected outcome is that mentees will be of diverse perspectives and backgrounds and can describe how they have been positively impacted as a result of the interactions with the nominee. The expectation of widely documented expertise and status as an opinion leader is essential.

Considerations for review:

- Evidence of inclusive culture.
- Those within their teams or stakeholders related to the impacts and outputs have further developed, received recognition, and elevated their own leadership.

Service (Maximum 10 points)

Evidence of contributions to their company, agency, institution, professional society, and community. These may include volunteer or elected positions held, evidence of peer review for journals, and work improving the discipline of entomology.

Considerations for review:

- Evidence of service with a broad reaching impact, with documented results. (National and International level service carries more weight than a local service.)
- Nominee's guidance and impacted a large number of individuals, possibly significant cultural change.

Administration Scoring Rubric

Impacts (Maximum 40 points)

Extensive record and documented evidence of influence through positive directional change in the science and profession of entomology. Nominees demonstrate skills of organizational effectiveness, adaptive and transformational leadership, and is a role model for their organization and the profession of entomology. Impacts should be quantified to reflect the influence of the administrative leadership. Nominee may have established or guided the creation of new or innovative research; new teaching, research and

extension/outreach programs; or promoted novel solutions and products that reduced barriers to objective solutions and discoveries for stakeholders working within the field of entomology.

Considerations for Review:

- Degree of difficulty of changes implemented or problems addressed.
- Degree of adaptability and transformation.
- Sustained impacts of several “outputs” versus a single “output”.
- Significance of outputs to entomology and stakeholders outside their organization.

Outputs and Publications (Maximum 20 points)

Extensive record and documented evidence of influence through positive directional change in the science and profession of entomology. Established or guided creation of new research directions and programs that resulted in novel products with progressive attributes for the era. Evidence of supporting principles of scientific peer review (their own or their teams) and communication (written and oral) of outputs.

Considerations for review:

- Documentation of outputs are widely available for adoption or replication by others.

Awards and Recognition (Maximum 10 points)

Awards and recognition related to the nomination focus area from the nominee’s institution and/or stakeholder groups that demonstrate the progressive nature and value of raising the application of entomological science in the relevant target communities. Here the nominator may also refer to the nominee’s funding record.

Considerations for review:

- Scope of peers competed against (local, state, national, or global; within entomology versus across disciplines).(National and International level recognition carries more weight than a local award.)
- Award sponsors representing stakeholder groups versus their own organization. (Award from a group that represents recipients of the nominee’s impacts rather than of home institution/employer carries more weight.)

Mentorship and Advisory Roles (Maximum 20 points)

Extensive evidence that nominee has mentored and trained others toward their success and/or has served in an advisory capacity as a subject matter expert to influence other projects and policy related to entomology. ESA has a commitment to develop all members, and the expected outcome is that mentees will be of diverse perspectives and backgrounds and can describe how they have been positively impacted as a result of the interactions with the nominee. The expectation of widely documented expertise and status as an opinion leader is essential.

Considerations for review:

- Evidence of inclusive culture.
- Those within their teams or stakeholders related to the impacts and outputs have further developed, received recognition, and elevated their own leadership.

Service (Maximum 10 points)

Evidence of contributions to their company, agency, institution, professional society, and community. These may include volunteer or elected positions held, evidence of peer review for journals, and work improving the discipline of entomology.

Considerations for review:

- Evidence of service with a broad reaching impact, with documented results. (National and International level service carries more weight than a local service.)
- Nominee's guidance and impacted a large number of individuals, possibly significant cultural change.

Military Scoring Rubric

Impacts (Maximum 40 points)

Extensive record of visible strategic leadership in military entomology that positively influences force protection standards against arthropods affecting military personnel and general public health. This includes demonstrated skills of organizational effectiveness and vision to respond to and deliver entomological support for the requirements of military medicine within the parameters of an ever-changing world situation. Participation in military deployments (i.e., humanitarian and combat efforts).

Considerations for Review:

- Degree of difficulty of service record.
- Degree of adaptability and effectiveness.
- Sustained impacts of several "outputs" versus a single "output".
- Significance of outputs to entomology and stakeholders outside their organization.

Outputs and Publications (Maximum 20 points)

Extensive record and documented evidence (publications, reports, etc.) of effective and sustained support for operational military forces through positive strategic leadership in military and public health entomology. This work will be supported with an extensive record of research and/or training for supporting development and integration of novel technology and the adoption and use of best practices into military mission requirements.

Considerations for review:

- Documentation of outputs are widely available for adoption or replication by others.

Awards and Recognition (Maximum 10 points)

Awards and recognition from the nominee's branch of military service, Department of Defense, professional organizations and/or stakeholder groups that demonstrate a sustained commitment to military entomology.

Considerations for review:

- Scope of peers competed against (local, state, national, or global; within entomology versus across disciplines). (National and International level recognition carries more weight than a local award.)

Mentorship and Advisory Roles (Maximum 15 points)

Evidence of contributions to their company, agency, institution, professional society, and community. These may include volunteer or elected positions held, evidence of peer review for journals, and work improving the discipline of entomology.

Considerations for review:

- Evidence of inclusive culture.
- Those within their teams or stakeholders related to the impacts and outputs have further developed, received recognition, and elevated their own leadership.

Service (Maximum 15 points)

Evidence of contributions to their company, agency, institution, professional society, and community. These may include volunteer or elected positions held, evidence of peer review for journals, and work improving the discipline of entomology.

Considerations for review:

- Evidence of service with a broad reaching impact, with documented results. (National and International level service carries more weight than a local service.)
- Nominee's guidance and impacted a large number of individuals, possibly significant cultural change.

Public Engagement Scoring Rubric

Impacts (Maximum 40 points)

Science Policy: Extensive record of influence and change within stakeholders' practices. This may be the adoption of laws and regulations following testimony and lobbying efforts; changes in priorities for members of the public as evidenced by the adoption of new funding priorities at local, regional, and state governance.

Public Engagement: Extensive record of active participation and science activities in efforts to engage with the public on entomological science related issues to promote meaningful interactions between insect science and society.

Considerations for Review:

- Degree of difficulty of changes implemented or problems addressed.
- Degree of adaptability and transformation.
- Sustained impacts of several "outputs" versus a single "output".

- Significance of outputs to entomology and stakeholders outside their organization.

Outputs and Publications (Maximum 20 points)

Extensive record of popular science books, articles, and digital posts leading to increased understanding of one or more components of entomological science. The body of work must be productive in number and compelling in scope and impact to the understanding of entomological science.

Considerations for review:

- Documentation of outputs are widely available for adoption or replication by others.
- Publications are in significant refereed journals targeted at stakeholders.
- Web-based materials or newsletter/position statements are documents with impressively high user numbers.

Awards and Recognition (Maximum 10 points)

Awards and recognition related to the nomination focus area from the nominee's institution, professional organizations, and/or stakeholder groups. Here, the nominator may also refer to the nominee's funding record.

Considerations for review:

- Scope of peers competed against (local, state, national, or global; within entomology versus across disciplines). (National and International level recognition carries more weight than a local award.)
- Award sponsors representing stakeholder groups versus their own organization. (Award from a group that represents recipients of the nominee's impacts rather than of home institution/employer carries more weight.)

Mentorship and Advisory Roles (Maximum 20 points)

Extensive evidence that nominee has mentored and trained others toward their success and/or has served in an advisory capacity as a subject matter expert to influence other projects and policy related to entomology. ESA has a commitment to develop all members, and the expected outcome is that mentees will be of diverse perspectives and backgrounds and can describe how they have been positively impacted as a result of the interactions with the nominee. The expectation of widely documented expertise and status as an opinion leader is essential.

Considerations for review:

- Evidence of inclusive culture.
- Those within their teams or stakeholders related to the impacts and outputs have further developed, received recognition, and elevated their own leadership

Service (Maximum 10 points)

Evidence of contributions to their company, agency, institution, professional society, and community. These may include volunteer or elected positions held, evidence of peer review for journals, and work improving the discipline of entomology.

Considerations for review:

- Evidence of service with a broad reaching impact, with documented results. (National and International level service carries more weight than a local service.)
- Nominee's guidance and impacted a large number of individuals, possibly significant cultural change.