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Daniel Watch  
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## 2020 年 SEFA 年度实验室大奖

### 简介

SEFA 将于 2020 年继续开展年度实验室大奖评选工作。该奖项旨在表彰实验室及相关领域的创新性建筑设计、材料和工程项目。SEFA 作为本届大奖主办方，在推动创新、高效和安全实验室方面具优势地位，凭借其会员资源及提供**推荐实践**，将吸引更多公众和专业人士关注创新实验室的设计与建设。SEFA 年度实验室大奖将为实验室所有者、设计师和建筑商提供全球认可和信任。

我们竭诚欢迎来自世界各地各类实验室设计师（建筑师或工程师）、业主和建设者的宝贵意见。

实验室是指主要用于科学及工程研究分析或科学及工程教学的建筑物。**2020 年度奖项的参赛作品必须在 2018 年 1 月 1 日至 2019 年 12 月 31 日期间基本完成并投入运营。**

### 类别与奖项

类别	奖项		
	Special Mention (特别提名奖)	High Honors (最高荣誉奖)	Lab of the Year (年度实验室大奖)
新实验室	评审团可能根据项目的具体特点颁发多个奖项	评审团可酌情颁发多个奖项	一个项目
翻新或适应性再利用实验室	评审团可能根据项目的具体特点颁发多个奖项	评审团可酌情颁发多个奖项	

评审团可根据提交文件的范围选择颁发或保留上述任何奖项，或增设奖项。

### 评定标准

就 SEFA 年度实验室大奖而言，实验室可以是校园、建筑物或建筑物的一部分，其中包含一个或多个专用于科学或工程和/或科学或工程研究和分析的教学领域，包括法医或临床研究、质量保证或科学测试。

新建筑以及现有建筑物全部或部分翻新或改建用途均符合条件。办公室和计算机工作场所，制造工厂或中试工厂等项目不符合条件。实体可以提交其选择的尽可能多的条目。

获奖项目将通过会议、出版物和社交媒体在国际上得到高度宣传。请勿提交敏感、专有或不应公开的信息。

**参赛作品须于 2020 年 7 月 1 日之前提交，并且须附上 450 美元的参赛费。**

1. 所有项目须以英文形式提交。提交格式为.pdf 文件，至多 40 页，A4 或 8-1/2“ x 11”页面大小，纵向或横向，12 号字体，高质量文件分辨率。
2. 在前三页中，提交的内容必须清楚地标识以下统计数据：
  - a. 项目名称
  - b. 项目所有者，如有子公司，则包括母公司名称
  - c. 项目所在地
  - d. 基本完成日期
  - e. 项目总成本
  - f. 总建设成本
  - g. 总面积（以平方米和平方英尺为单位）
  - h. 总净面积（以平方米和平方英尺为单位）
  - i. 实验室和实验室支持的总净面积（以平方米和平方英尺为单位）
  - j. 建筑净面积即实验室面积的百分比
3. 提交的内容可能包括说明、照片和图形，以说明项目的目标、挑战、解决方案和独特功能，帮助评审团了解项目与众不同的原因：
  - a. 提供一个项目的执行摘要，包括愿景和目标，要适应的科学/工程/技术活动以及需要或指导项目需求和现场位置的相关历史记录
  - b. 对于新建筑物或校园，请描述驱动特定设计决策的建筑场地、建筑影响和决策
  - c. 对于改造或适应性再利用项目，请描述现有建筑物，为什么选择它，为什么进行变更，要克服的挑战以及如何应对
  - d. 提供建筑空间清单以及相关的，清晰的平面图，场地平面图，建筑立面图（如果适用）和建筑剖面图
  - e. 描述项目的工程特征、可持续性和健康解决方案、实验室设计细节以及其他独特特征
  - f. 包含不少于 20 且不超过 40 个数字图像，例如场地平面图、平面图、立面图（如果适用）和照片以帮助评审团理解设计。每个图像都必须具有标题或说明，以用于识别在评审和发布过程中使用的单独提交的高分辨率图像（要求如下所述）。图像集应至少包含 4 张外部照片（如果适用），其中一张显示实验室建筑物与相邻建筑物的关系；工作区、家具和便利设施的内部视图，以及至少 6 张实验室图像。
4. 在提交的最后几页中，列出项目团队以及联系人姓名、地址、电话号码和电子邮件：
  - a. 项目负责人/客户
  - b. 建筑师；如不止一个，请列出项目中的角色
  - c. 实验室规划师/设计师
  - d. 室内设计师
  - e. 机械、电气和卫生工程师
  - f. 土木和结构工程师

- g. 景观设计师
  - h. 环境顾问
  - i. 声学、振动、EMI 及风能等专业顾问
  - j. 施工经理或承包商
  - k. 调试代理
  - l. 实验室家具和实验室设备的制造商和/或经销商
  - m. 每张照片的文件名和摄影师嘉奖
    - i. 附上项目摄影师签署的发布声明，明确为年度实验室大奖提交的所有材料可免费用于 SEFA 出版物、演示、宣传材料和网站。照片经 SEFA 使用，将给予摄影师适当的嘉奖。
5. 遵循有关提交表格、付款和文件上传的说明。
- a. 上传的 pdf 文档应使用以下文件命名规则命名：项目名称\_项目负责人姓名
  - b. 有关照片标题和文件命名的具体说明：
    - i. 基于提交位置和标题的图像编号，例如：1-PrimaryResearchLab.jpg

可选：除上述要求外，提交的内容可能包括完整项目的最长 3 分钟视频。

## 评审团

评审团由在实验室规划、设计、施工、家具和设备制造、科学和工程教学和研究以及相关出版物方面具有丰富经验的代表组成。任何与提交项目有利益冲突的评审团成员将退出该项目的评审讨论。评审团将召开会议，对每一项参赛作品进行评估，并就所颁发的奖项达成共识。

## 美国科学仪器设备实验室家具国际协会（SEFA）简介

美国科学仪器设备实验室家具国际协会（SEFA）成立于 1988 年，以满足实验室设计师和实验室家具制造商这一重要行业的需要。主要从事这一行业的公司有资格成为会员。SEFA 成员与实验室所有者、建筑师、承包商和相关人员密切合作，以推进创建安全的“实验室级”环境为目标。SEFA 在推进良好实验室规划的事业方面发挥着引导作用。SEFA 以会员为导向的一揽子服务体现了对成本效益高的建设和交付、实验室空间使用、安全、生产力和环境问题的重视。协会设有一名专业管理人员和经选举产生的董事会及顾问委员会成员。此外，SEFA 还组织了一系列令人印象深刻的分委员会，以满足协会成员需求，实现推进该组织的目标。

如您有兴趣了解更多关于 SEFA 委员会及其所做重要工作的信息，敬请联系 SEFA 办公室（516.294.5424）或 [www.sefalabs.com](http://www.sefalabs.com) 上指定的委员会联合主席。

## 时间线

- 2020 年 7 月 1 日：报名截止日期（参赛作品必须在 2018 年 1 月 1 日至 2019 年 12 月 31 日期间基本完成并投入运营）。
- 2020 年 7 月 15 日：参赛作品提交评审团。
- 2020 年 9 月 14 日：评审团开会评估参赛作品。
- 2020 年 9 月 21 日：通知获奖者。
- 2020 年 11 月 5 日：在佛罗里达州劳德代尔堡举行的 SEFA 年会上宣布获奖者并颁奖。

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**SEFA Lab of the Year™ 2020**

**INTRODUCTION**

SEFA is continuing the **Lab of the Year** competition in 2020. The purpose of this award program is to bring attention to innovative laboratory design and construction to the greater public's and professionals' attention by leveraging SEFA's reputation as a leader in promoting innovative, efficient, and safe laboratories through its membership and through the provision of its **Recommended Practices**. A Laboratory of the Year award from SEFA provides global recognition and credibility to laboratory owners, designers, and builders.

We welcome submissions from designers (architects or engineers), owners, and builders for laboratories of all types located anywhere in the World.

A laboratory is defined as a building used primarily for scientific or engineering research and analysis or the teaching of science or engineering. **Eligible projects for the 2020 awards cycle must have been substantially completed and operational after January 1, 2018 and prior to December 31, 2019.**

**CATEGORIES & AWARDS**

CATEGORY	AWARDS		
	Special Mention	High Honors	Lab of the Year
<b>New Laboratory</b>	May be multiple awards given at the jury's discretion based on specific features of the project	May be multiple awards given at the jury's discretion	1 project
<b>Renovated or Adaptive Reuse Laboratory</b>	May be multiple awards given at the jury's discretion based on specific features of the project	May be multiple awards given at the jury's discretion	

The Jury may elect to award or withhold any of the awards listed above, or to add awards, depending on the field of submissions.

**ENTRY CRITERIA**

For purposes of the **SEFA Lab of the Year™** competition, a laboratory can be a campus, building or part of a building that contains one or more



areas dedicated to the teaching of science or engineering, and/or scientific or engineering research and analysis, including forensic or clinical research, quality assurance, or scientific testing. New construction and renovated or re-purposed construction of all or part of an existing building are eligible. Projects that are primarily office and computational workplaces, manufacturing, or pilot plant are not eligible. Entities may submit as many entries as they elect.

Award winning projects will be highly publicized internationally through conferences, publications, and social media. Do not submit information that is sensitive, proprietary or should not be publicized.

**Entries must be received by July 1, 2020 and must be accompanied by a US\$450 entry fee.**

1. All projects must be submitted in English. Submission format is .pdf file of maximum 40 pages, A4 or 8-1/2" x 11" page size, portrait or landscape orientation, 12 point easily legible font, high quality file resolution.
2. Within the first 3 pages the submission must clearly identify the following statistics:
  - a. Project Name
  - b. Project Owner, include parent company name if a subsidiary
  - c. Project Location
  - d. Date of substantial completion
  - e. Total project cost
  - f. Total construction cost
  - g. Total gross area in meters squared and square feet
  - h. Total net area in meters squared and square feet
  - i. Total net area of lab and lab support in meters squared and square feet
  - j. Percentage of the building net area that is lab area
3. Submittal may include descriptions, photos and graphics to illustrate the projects' objectives, challenges, solutions and unique features to assist the jury to understand what makes the project special:
  - a. Provide an executive summary of the project, including vision and goals, and scientific/engineering/technology activities to be accommodated, and relevant history that necessitated or guided the project need and site location
  - b. For a new building or campus, describe the building site, architectural influences and decisions that drove specific design decisions
  - c. For a renovation or adaptive reuse project, describe the existing building, why it was selected, why the change was made, challenges to be overcome and how they were addressed
  - d. Provide building space list and relevant, legible floor plans, site plan, building elevations (if applicable) and building sections
  - e. Describe the project's engineering features, sustainability and wellness solutions, laboratory design specifics, and other features that are unique
  - f. Include no less than 20 and no more than 40 digital images, such as site plan, floor plans, elevations (if applicable), and photographs to help the jury understand the design. Each image must have a caption or description which will be used to identify the separately submitted high resolution images utilized during judging and for publication (requirements described below). The image set should include a minimum of 4 exterior photos (if applicable), one of which shows the relationship of the laboratory building to the neighboring buildings; interior views of work areas, furnishings and amenities, and a minimum of 6 laboratory images.
4. In the final pages of the submission, list the project team with contact name, address, phone number and email:
  - a. Project Owner/Client
  - b. Architect(s); if more than one please list roles on the project
  - c. Laboratory planner/designer
  - d. Interior designer

- e. Mechanical, electrical and plumbing engineers
  - f. Civil and structural engineers
  - g. Landscape architect
  - h. Environmental consultant
  - i. Acoustical, vibration, EMI, wind and other specialty consultants
  - j. Construction Manager or Contractor
  - k. Commissioning agent(s)
  - l. Laboratory furniture and laboratory equipment manufacturers and/or dealers
  - m. File name and photographer credit for each photo
    - i. Include signed release statement(s) from project photographer(s) on photographer's letterhead stating that all materials submitted for the Lab of the Year may be used in SEFA publications, presentations, promotional materials and website free of charge. Appropriate credit will be given to the photographer on images used by SEFA.
5. Follow instructions for submission form, payment, and file uploading.
- a. Submission pdf shall be named with the following file naming convention:  
ProjectName\_ProjectOwnerName
  - b. Specific instructions on photo captions and file naming convention:
    - i. Image number based on location in submission, and caption, for example:  
*1-PrimaryResearchLab.jpg*

Optional: In addition to the above requirements, submissions may include 3-minute maximum video of the completed project.

## **JURY**

The jury consists of representatives with significant experience in laboratory planning, design, construction, furniture and equipment manufacturing, science and engineering teaching and research, and relevant publications. Any jury member with a conflict of interest through involvement in a project submitted will recuse themselves from the judging discussion of that project. The jury will meet in person to evaluate every entry and reach a consensus decision on the awards to be given.

## **ABOUT SCIENTIFIC EQUIPMENT AND FURNITURE ASSOCIATION**

The Scientific Equipment and Furniture Association (**SEFA**) was organized in 1988 to meet the needs of an important industry of laboratory designers and manufacturers of laboratory furniture. A company whose work is principally in this industry can be eligible for membership. **SEFA's** members work closely with laboratory owners, architects, contractors and others to advance the goal of creating a safe "Laboratory Grade" environment. **SEFA** takes a leadership role in advancing the cause of good laboratory planning. **SEFA's** member-directed package of services reflects the importance attached to cost-effective construction and delivery, lab space use, safety, productivity and environmental issues. The association operates with a professional management staff and a member-elected **Board of Directors** and Advisory Board. In addition, **SEFA** has organized an impressive array of Committees to meet the needs of the association's membership and to advance the goals of the organization.

If you are interested in finding out more about **SEFA's** Committees and the important work that they do, please contact the **SEFA** offices (516.294.5424 or the designated Committee Co-Chairs located at [www.sefalabs.com](http://www.sefalabs.com)).

## **TIMELINE**

- July 1, 2020: Entries due (eligible entries are projects that are substantially completed and operational between January 1, 2018 and December 31, 2019).
- July 15, 2020: Entries distributed to Jury.
- September 14, 2020: Jury meets to evaluate entries.
- September 21, 2020: Award winners notified on or before this date.
- November 5, 2020: Winners announced and awarded at SEFA Annual Conference in Fort Lauderdale, Florida.