

Greater New Orleans Science Fair, Inc. Region IX of Louisiana May 2018



2018 Greater New Orleans Science and Engineering Fair at Tulane University



A YEAR IN REVIEW

- **GNOSEF (Regional Fair)**
- **ISEF (International Fair)**
- **Financial Report**
- **GNOSEF Wish List**
- **Current/Future Business**
- **GNOSEF Strengths**
- **Calendar for 2018-19**

Annette Oertling Ph.D., Fair Director
Michelle Sanchez Ph.D., Fair Director

Greater New Orleans Science Fair, Inc.

Mission Statement

- **provide a public event** to display and recognize area students' research – the Greater New Orleans Science and Engineering Fair
- **encourage independent student research** in science and engineering,
- **promote the understanding and appreciation of sciences,**
- **encourage youth** to pursue science, math, or engineering careers,
- **stimulate interest and support** for science and math programs in area schools,
- **promote collaboration** and interaction between area students and scientists and engineers from the community and/or the world.

2018-19 GNOSEF Board of Directors

	First Name	Last Name	Board Involvement	Affiliation
1	Harriet	Aguiar-Netto	Programs-VolCoord	Women for a Better Louisiana
2	Nick	Altiero	President-StratPlanning	Tulane University - retired
3	Mike	Benbow	Strategic Planning	Benbow and Associates
4	Harry	Clark	Programs	Jesuit High School - retired
5	Scott	Edwards	Programs	LSUHSC
6	Kate	Elfer	Programs	Tulane University
7	Nancy	Hopkins	Programs-Judge Advisor	Tulane University - retired
8	Kim	Jovanovich	Programs	University of New Orleans
9	Barbara	LaNasa	Programs	Women for a Better Louisiana
10	Lorraine	McGinley	Treasurer-Programs	Tulane University - retired
11	Nicole	Moody	Secretary-Programs	Tulane University
12	Annette	Oertling	Fair Director	Tulane University - retired
13	Barbara	Paillet	Strategic Planning	Bruce J. Heim Foundation
14	Arman	Sadeghpour	Strategic Planning	Tulane University, Theodent
15	Michelle	Sanchez	Fair Director	Tulane University
16	Britton	Sanderford	Strategic Planning	Axon Corp., UNO Foundation
17	Danielle	Scanlon	Programs	Tulane University
18	Janell	Simpson	Programs-SRC Member	Patrick F Taylor School - retired
19	Cathie	Smith	Programs-SafetyJdgCoord	Jefferson Parish Public Schools - retired
20	Andrea	Walker	Programs-SRC Chair	The GNO STEM Initiative: Core Element

2018-19 GNOSEF Advisory Council

	First Name	Last Name	Affiliation
1	Roberto	Diaz del Valle	A&B Errand Services, LLC
2	Norma Jean	Mattei	University of New Orleans
3	Steve	Johnson	University of New Orleans

Greater New Orleans Science and Engineering Fair

February 26th, 27th, 28th, and March 1st, 2018

Junior Division

(14 participated / 19 affiliated)

Atonement Lutheran School

Benjamin Franklin Elementary

Christian Brothers

Classical Conversations Kenner Campus

Holy Cross School *

Homeschooling Heroes

International School of Louisiana – Camp

Islamic School of Greater New Orleans

John Curtis Christian *

Kenner Discovery Health Sci. Academy

Lake Forest Elementary Charter School

Roosevelt Middle School

Sylvanie Williams College Prep

Young Audiences Charter School

(* both Jr. and Sr. Division)



Jr. Division Grand Award Winners

**Reagan Peters-Roussell, Lake Forest, and
Rachel Pizzolato, John Curtis Christian**

Adults pictured:

**Dean Maria Calzada, Loyola
Dean Michael Herman, Tulane**

Greater New Orleans Science and Engineering Fair

February 26th, 27th, 28th, and March 1st, 2018



Sr. Division Grand Award Winners

Amaris Lewis – Lusher Charter School

Joaquin Gomez – Ben Franklin H.S.

Alexander Walker – Patrick F. Taylor Academy

Jewel Williams (not pictured) – N.O. Charter Math and Science H.S.

Adults pictured:

Dr. Annette Oertling, GNOSEF Fair Director, Tulane

Ms. Teresa Burchette, BFHS

Ms. Caroline Thaxton, N.O. Charter Math and Science (holding plaque)

Dean Maria Calzada, Loyola

Ms. Amanda Godshaw, Patrick F. Taylor

Dean Michael Herman, Tulane

Roberto Diaz del Valle, A&B Errand Services, LLC

Dr. Michelle Sanchez, GNOSEF Fair Director, Tulane

Senior Division

(10 participated / 14 affiliated)

Benjamin Franklin High School

Edna Karr High School

Haynes Academy for Adv. Studies

Holy Cross School *

Isidore Newman High School

John Curtis Christian *

Lusher Charter School

N.O. Charter Math and Science H.S.

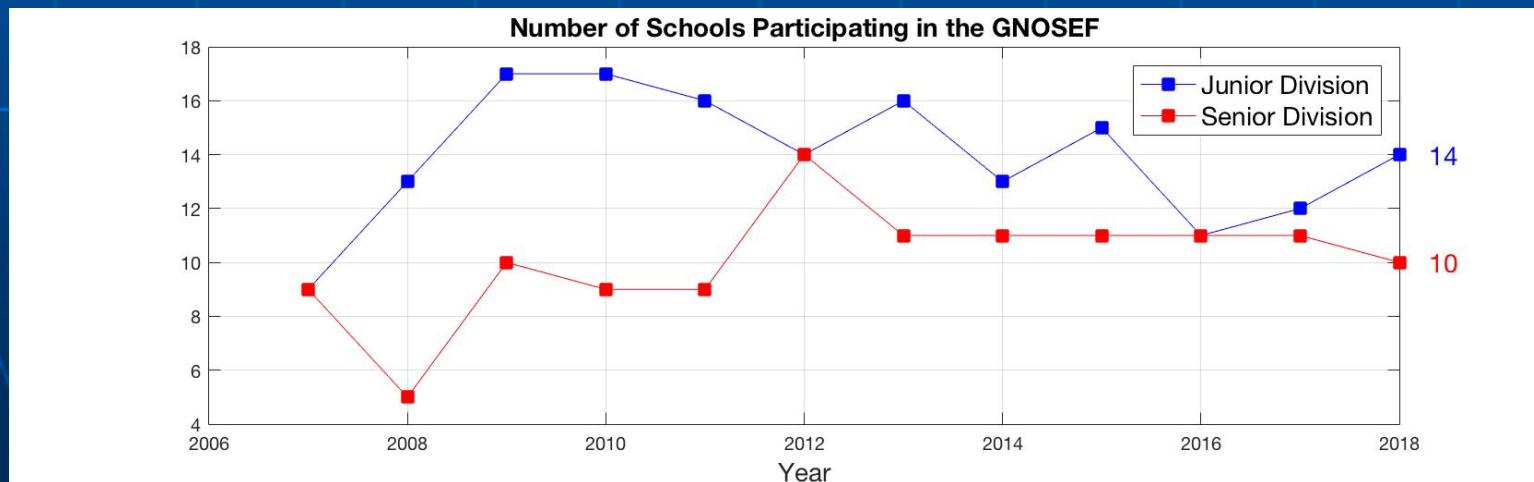
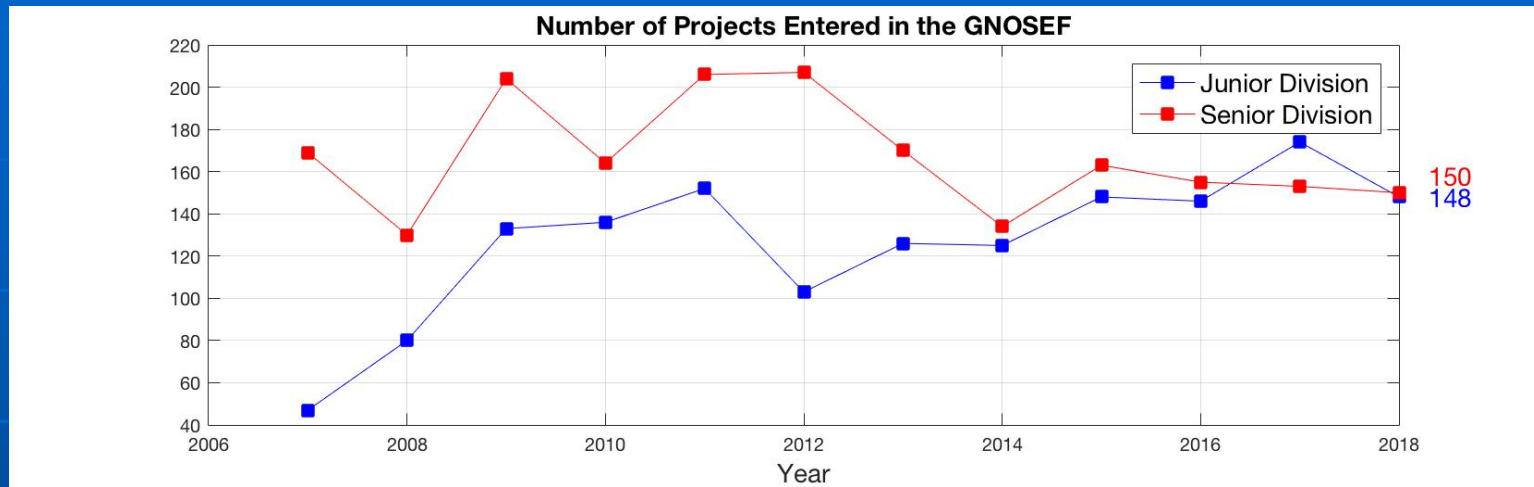
Patrick F. Taylor Sci. & Tech. Academy

Thomas Jefferson Senior High

(* both Jr. and Sr. Division)

Participation in GNOSEF since 2007

(Limited by Number of Projects Per Category a School can Submit)



Guest Speakers at GNOSEF Award Ceremony

Junior Division



Dr. Matthew Escarra

Assistant Professor
Physics and Engineering
Physics Department
Tulane University

Senior Division



Dr. Arman Sadeghpour

President, Tulane Alumni
Association
President & CEO, Theodent

2018 GNOSEF AWARDS

Through the generosity of our donors, more than \$60,000 in awards and prizes were presented to talented students, teachers and schools!!!

Category awards were presented in
17 Senior Division
And 13 Junior Division
categories.

	<u>Junior Division</u>	<u>Senior Division</u>
1. First Place	\$50 and medal	\$75 and medal
2. Second Place	\$30 and medal	\$50 and medal
3. Third Place	\$15 and medal	\$25 and medal
4. Honorable Mention	\$10	\$15



1st Place Junior Division Winners



1st Place Senior Division Winners

1ST and 2nd place winners in both the junior and senior divisions were certified for entry in the **2018 Louisiana Science and Engineering Fair (LSEF)** conducted at LSU in Baton Rouge.

James de la Houssaye Mentor Award

(Senior Division)

sponsored by Mr. H. Britton Sanderford

*(established
2015)*

OBJECTIVE

Recognize a high school mentor for their educational and inspirational work with students pursuing STEM inquiry.

2018 AWARDS

- **\$5,000 cash award presented to top winner**
- **\$2,000 cash award presented to runner-up**



Dean Michael Herman, Tulane, Dr. Syed Muniruzzam (2nd),
Ms. Amanda Godshaw (1st), and Dean Maria Calzada, Loyola

Recipients

Ms. Amanda Godshaw
Patrick F. Taylor Academy

(runner-up)

Dr. Syed Muniruzzam
Xavier University



Patrick F. Taylor Foundation Awards

(Senior Division)

(established 2008)

OBJECTIVE

Provide incentive to increase student interest, enrollment, and performance in upper level math and science courses through participation in the GNOSEF.

2018 AWARDS

- **\$10,000 materials and field trip grant divided among eligible high schools.**



Winners in the senior division

2018 School Grant Recipients

Benjamin Franklin High School
Holy Cross School
Isidore Newman High School
John Curtis Christian
N.O. Charter Math and Science H.S.
Patrick F. Taylor Science & Technology

Neuroscience/Machine Learnings Scholarship

(Senior Division)

**(established
2015)**

sponsored by Mr. H. Britton Sanderford

Recognizes excellent work in the field of neuroscience, the study of the nervous system, and the field of machine learnings, a subfield of computer science and artificial intelligence that deals with the construction and study of systems that can learn from data, rather than follow only programmed instructions.

\$1,000 college scholarships were presented to a three-person team – \$1,000 each upon presentation of an acceptance letter into a college of their choice. This year, one runner-up was presented with a \$500 college scholarship upon presentation of an acceptance letter into a college of their choice.



Dean Michael Herman, Tulane, Emma Freeman (2nd), Dylan Hill, Abishek Jani, Royden Lynch (1st), Dean Maria Calzada, Loyola

Recipients

**Dylon Hill, Abishek Jani, and
Royden Lynch**
Isidore Newman HS

(runner-ups)
Emma Freeman
Isidore Newman HS

Tulane Science Scholars Program Scholarship

*sponsored by Tulane School of Science and Engineering
with support from the Bruce J. Heim Foundation* **(established 2015)**

Recognizes an exceptional project by a 10th or 11th grade student in an area of science or engineering. The TSSP is a selective program for rising juniors or seniors who have exceptional talent in the sciences, engineering, and mathematics.

\$1500 scholarship for a summer for-credit course. A second place winner is recognized and is an alternate should the first place winner not be able to attend.



Recipients

Alexander Walker

Patrick F. Taylor Science & Technology

(runner-up)

Tyler Dunn

John Curtis Christian

Also pictured: Dean Michael Herman, Tulane, Dean Maria Calzada, Loyola, Ms. Barbara Paillet, The Bruce J. Heim Foundation, and Dr. Michelle Sanchez, Tulane

Entergy Corporation “Powering the Future” Scholarship Award



(Senior Division)

(established 2017)

\$1000 college scholarship to be awarded to a female, high school senior with an outstanding, promising project, upon presentation of their acceptance letter into a college or university.

Recipient: Alli Despaux, John Curtis Christian School



Also Pictured:
Dean Michael Herman, Tulane and Dean Maria Calzada, Loyola

Albert F.W. Habeeb, M.D.

Scholarship Award

(Senior Division)

(established 2018)

In honor of Albert F.W. Habeeb, M.D., a **\$1000 scholarship** is presented to a Senior Division student for an outstanding project focused on health sciences to be presented upon acceptance into a University.

Recipient: Robert Pizzolato, John Curtis Christian School



Also Pictured:

Dean Michael Herman, Tulane and Dean Maria Calzada, Loyola

Dorothy Van Lue Habeeb Scholarship Award

(Senior Division)

(established 2018)

In memory of Dorothy Van Lue Habeeb, founding member of the GNOSEF, Inc., a **\$1000 scholarship** is awarded to a Senior Division student for an outstanding project focused on chemistry or the use of chemistry as a tool in scientific inquiry or engineering design to be presented upon acceptance into a University.

Recipient: Jada Allen, Benjamin Franklin High School



Also Pictured:

Dean Michael Herman, Tulane and Dean Maria Calzada, Loyola

GNOSEF Teacher/Mentor Awards

(Junior Division)

**Presented to teacher/mentors who have gone the extra mile
to support their students.**

- **\$250 Cash Award to two 1st place teachers**



**Marla Watts (1st)
and
April Hartman (1st),
Lake Forest Elementary
Charter School**

Additional Local Special Awards

AIAA Greater New Orleans Section
American Institute of Chemical Engineers – N. O. Section
American Petroleum Institute (API) Delta Chapter
American Welding Society - New Orleans Section
Bruce J. Heim Foundation
Core Element
Electric Girls
Mad Science of Southeast Louisiana
MENSA - (The High IQ Society), N.O. Chapter
M.S. Benbow & Associates
New Orleans Geological Society
New Orleans Section of NACE International "The Corrosion Society"
Sierra Club, New Orleans Group
Society of American Military Engineers (SAME)
Society of Petroleum Engineers (SPE), Inc., Delta Chapter
Structural Engr. Institute of the Am. Soc. of Civil Engin.-N.O. Branch
U.S. Department of Agriculture - Agricultural Research Service
Women for a Better Louisiana

Cash Awards: over \$3,000 to students....\$1,500 to teachers!!!

Additional National Special Awards

American Meteorological Society
American Psychological Association (APA)
ASM International Foundation
Association for Women Geoscientists Foundation
ASU Rob and Melani Walton Sustainability Solutions
Initiatives
Biophysics Award (Biophysical Society)
Broadcom MASTERS
GENUIS OLYMPIAD
Intel Excellence in Computer Science
Mu Alpha Theta
NASA EARTH System Science Award
National Oceanic and Atmospheric Administration (NOAA)
Regeneron Science Talent Search
Ricoh Americas Corporation
Society for In Vitro Biology
Stockholm Junior Water Prize
U.S. Air Force
U.S. Metric Association
U.S. Navy/U.S. Marine Corps – Office of Naval Research
Yale Science & Engineering Association, Inc.

2017-2018 GNOSEF Mini-Grants

Through the generosity of Mr. H. Britton Sanderford,
36 mini-grants (17 in 2016-2017)
totaling \$6,031.58 (\$3,638.81 in 2016-2017) were provided to students
at:

**Benjamin Franklin High School
Holy Cross School
Isidore Newman High School
Islamic School of Greater New Orleans
John Curtis Christian
Lake Forest Elementary Charter School
New Orleans Charter Math and Science High School
Patrick F. Taylor Science & Technology Academy
Young Audiences Charter School**

The objective was to provide funding for worthy student projects that would otherwise not have the resources to participate.

To qualify for a mini-grant, students must: Submit ISEF forms that show they conform to the ISEF guidelines and submit an estimate of expenses

ALL AFFILIATED SCHOOLS ARE ELIGIBLE AND NOTIFIED!

Greater New Orleans Science & Engineering Fair



PR & Social Media Report

GNOSEF Student Successes

2018 LA State Science and Engineering Fair (LSEF)

SENIOR DIVISION CATEGORY AWARDS (20) 18 in 2017

Place	Category	Student	School
1 st	biomedical engineering	Robert Pizzolato	John Curtis Christian
1 st	embedded systems	Abhishek J. Jani, Dylon Hill, Royden Lynch	Isidore Newman School
1 st	energy: physical	Ashton P. Austin	John Curtis Christian
2 nd	computational biology and bioinformatics	Emily R. Smither	Benjamin Franklin High School
2 nd	environmental engineering	James L. Ramsay	Benjamin Franklin High School
2 nd	systems software	Emma W. Freeman	Isidore Newman School
3 rd	animal sciences	Javon M. Ruffin	Isidore Newman School
3 rd	biomedical and health sciences	Amaris R. Lewis	Lusher Charter School
3 rd	materials science	Kalila J. Daveron	Benjamin Franklin High School
3 rd	plant sciences	Nina Beriss	Benjamin Franklin High School
4 th	behavioral and social sciences	Tran Nguyen-Phuong	Patrick F. Taylor S & T Academy
4 th	chemistry	Jada C. Allen	Benjamin Franklin High School
4 th	energy: chemical	Alexander Walker	Patrick F. Taylor S & T Academy
4 th	energy: physical	Joseph Scott	Benjamin Franklin High School
4 th	engineering mechanics	Tyler S. Dunn	John Curtis Christian
4 th	environmental engineering	Emily Kraus	Patrick F. Taylor S & T Academy
4 th	physics and astronomy	Joseph V. Wagner	Benjamin Franklin High School
HM	biochemistry	Hinali B. Patel	Benjamin Franklin High School
HM	environmental engineering	Colby M. Brown	Holy Cross School
HM	mathematics	Milaya S. Ruffin	John Curtis Christian

GNOSEF Student Successes

2018 LA State Science and Engineering Fair (LSEF)

LSEF JUNIOR DIVISION CATEGORY AWARDS (13) 9 in 2017

Place	Category	Student	School
1 st	energy: physical	Rachel Pizzolato	John Curtis Christian
1 st	environmental engineering	Mai A. Burrell	Lake Forest Charter School
2 nd	behavioral and social sciences	Reagan Peters-Roussell	Lake Forest Charter School
2 nd	plant sciences	Lauren Ejiaga	Lake Forest Charter School
3 rd	animal sciences	Benjamin T. Taravella	John Curtis Christian
3 rd	physics and astronomy	Hannah M. Jacobs	Lake Forest Charter School
4 th	embedded systems	Grayson Barron	John Curtis Christian
4 th	mathematics	Aidan L. Couvillon	Christian Brothers School
4 th	physics and astronomy	Jonas M. Baamonde	Classical Conversations of Kenner
4 th	robotics and intelligent machines	Jason DeCuir	Lake Forest Charter School
HM	biomedical and health sciences	Liyah Ernest	Lake Forest Charter School
HM	chemistry	Lilly M. Cazabon	Atonement Lutheran School
HM	earth and environmental sciences	Ayah A. Ghanem	Kenner Discovery HAS

GNOSEF Student Successes

2018 LA State Science and Engineering Fair (LSEF)

LSEF SENIOR DIVISION SPECIAL AWARDS (8) 2 in 2017

Award	Name	School
American Meteorological Society	Claire Hudson	Patrick F. Taylor S & T Academy
American Society of Sugar Cane Technology	James L. Ramsay	Benjamin Franklin High School
Louiana Science Teachers Association	Tran Nguyen-Phuong	Patrick F. Taylor S & T Academy
LA Association of Mathematics Teachers	Milaya S. Ruffin	John Curtis Christian
Louisiana Horticulture Society	Nina Beriss	Benjamin Franklin High School
NASA Earth System Science Award	Ashton P. Austin	John Curtis Christian
SSP - Talent Search/Regeneron	Ashton P. Austin	John Curtis Christian
U.S. Metric Association	Robert Pizzolato	John Curtis Christian

LSEF JUNIOR DIVISION SPECIAL AWARDS (5) 5 in 2017

Award	Name	School
Broadcom MASTERS nominees	Lauren Ejiaga	Lake Forest Charter School
Broadcom MASTERS nominees	Hannah M. Jacobs	Lake Forest Charter School
Broadcom MASTERS nominees	Rachel Pizzolato	John Curtis Christian
Louiana Science Teachers Association	Reagan Peters-Roussell	Lake Forest Charter School
Louiana Science Teachers Association	Opal M. Hearst	Homeschooling Heroes

International Science and Engineering Fair (ISEF)

May 13 – May 18, 2018 in Pittsburgh PA

Over 1800 students from 75 countries, regions and territories



GNOSEF 2018 ISEF Finalists

Joaquin Gomez - *The Effects of Multilingualism on Working Memory*
Benjamin Franklin High School (teacher: Teresa Burchette)

Amaris Lewis - *Evaluating the Potential of CD264 as and Effective Biomarker for Cellular Aging in Mesenchymal Stem Cells*
Lusher Charter School (teacher: Stephen Collins)

Alexander Walker - *Sulfur-Deplete Cultivation of C. Reinhardtii: A Novel Approach to Increasing the Cost-Efficiency of Green Hydrogen Fuel Production*
Patrick F. Taylor Science & Technology Academy (teacher: Amanda Godshaw)
3rd Place in ENERGY: CHEMICAL category!!!

Jewel Williams - *Consequences of the Disturbance of Circadian Rhythm*
New Orleans Charter Math and Science High School (teacher: Sam Loftus)

History of ISEF Expenses

	<u>LA 2014</u>	<u>Pittsburg 2015</u>	<u>Phoenix 2016</u>	<u>LA 2017</u>	<u>Pittsburg 2018</u>
Lodging	\$4,047	\$3,571	\$3,107	\$4,298	\$4,195
Airfare	\$3,335	\$3,104	\$2,604	\$3,622	\$4,249
Meals / Misc	\$1,865	\$1,905.00	\$1,738	\$1,805	\$1,975
ISEF Reg.	\$1,000	\$1,000	\$840	\$1,085	\$1,085
(#) Cost	(7) \$10,248	(7) \$9580	(6) \$8,289	(8) \$10,810	(8) \$11,504

GNOSEF, Inc. EXPENSES AND INCOME

	<u>2016</u>	<u>2017</u>	<u>2018</u>
EXPENSES			
\$ Teacher Workshops			\$345
\$ Awards			
• Category Cards			\$4,315
• Teachers			\$500
• Medals and Certificates			\$858
• Twitter Contest			\$150
			\$5,824
• Food - Judges and Volunteers	\$2,517	\$3,679	\$5,196
• Facility Costs (includes table rental)			
Rental (includes table set up in 2018)	\$3,670	\$3,500	\$3,200
Tables/Chairs/Pipe&Drape	\$6,729	\$4,647	\$2,536
Table covers and skirts	\$575	~\$600	\$0
• Supplies and postage	\$745	\$884	\$241
• Supplies purchased with reclaimed Amazon Gift Cards			
• Operating Costs (fair affl., Sec. of State, tax prep.; insurance -			
Sub			
\$ International			
• Registration, travel, housing, food, misc.			
TOTAL EXPENSES	\$34,747	\$38,663	\$38,268
INCOME (pledged)			
• Unrestricted Donations	\$38,591	\$47,493	\$52,906
• Reclaimed Amazon Gift Cards			\$754
TOTAL Unrestricted Income Pledged			\$53,660
Unrestricted Income – Expenses	\$3,844	\$8,830	\$15,392
• <i>Dedicated Awards</i>	<i>\$32,266</i>	<i>\$33,039</i>	<i>\$31,907</i>
TOTAL INCOME	\$70,858	\$80,532	\$85,567

FINANCIAL IMPACT OF MOVING TO TULANE UNIVERSITY

FOOD = + \$1,517
FACILITY = - \$3,011

TOTAL DIFF. = - \$1,495

GNOSEF, Inc. EXPENSES AND INCOME

	<u>2016</u>	<u>2017</u>	<u>2018</u>
EXPENSES			
\$ Teacher Workshop/Kickoff	\$614	\$294	\$345
\$ Awards			
• Category Cash Awards	\$4,355	\$4,550	\$4,315
• Teachers	\$500	\$500	\$500
• Medals and Plaques	\$663	\$841	\$858
• Twitter Contest Prizes	\$162	\$146	\$150
Sub-Total	\$5,680	\$5,891	\$5,824
\$ Operating Expenses			
• Food - Judges and Volunteers	\$2,517	\$3,679	\$5,196
• Facility Costs (includes table rental)			
Rental (includes table set up in 2018)	\$3,670	\$3,500	\$3,200
Tables/Chairs/Pipe&Drape	\$6,729	\$4,647	\$2,536
Table covers and skirts	\$575	~\$600	\$0
• Public Relations - Ann Wills	\$3,500	\$5,000	\$5,000
• Supplies and postage	\$765	\$311	\$341
• Supplies purchased with reclaimed Amazon Gift Cards		\$573	\$346
• Operating Costs -fair affl., Sec. of State, tax prep.; insurance (2018)	\$2,050	\$3,358	\$3,977
Sub-Total	\$20,165	\$21,668	\$20,595
\$ International			
• Registration, travel, housing, food, misc.	\$8,289	\$10,810	\$11,504
TOTAL EXPENSES	\$34,747	\$38,663	\$38,268
INCOME (pledged)			
• Unrestricted Donations	\$38,591	\$47,493	\$50,006
• Reclaimed Amazon Gift Cards (balance on July 1 st)			\$754
TOTAL Unrestricted Income			\$50,760
Unrestricted Income – Expenses	\$3,844	\$8,830	\$12,492
• <i>Dedicated Awards Pledged (scholarship reimb's may not be in 2018)</i>	<i>\$32,266</i>	<i>\$33,039</i>	<i>\$31,907</i>
<i>TOTAL REVENUE (pledged)</i>	<i>\$70,858</i>	<i>\$80,532</i>	<i>\$82,667</i>

Greater New Orleans Science Fair, Inc.

FINANCIAL STATUS

	April 30, 2018
Whitney Acct Balance	\$12,050.40
Ameritrade Account	\$95,852.73
Reclaimed Amazon Gift Cards	*\$257.44
Remaining Anticipated Funds (pledged funds and award/mini-grant reimbursements)	\$12,974.78
Committed Taylor Awards	\$20,508.57
Remaining Estimated Expenditures (incl. checks not cleared)	\$12,684.64
Total Unrestricted Funds Available	<u>\$87,942.36</u>
<i>*Amazon Gift Cards – 18 month redemption period (purchased printer, paper, social media contest prizes, etc. in 2018)</i>	

GNOSEF Wish List ☺

- “Mentor Teachers” to assist Science Fair Directors at schools.
 - 100-150 hours of 1-on-1 mentorship for a total of \$5,000
- Mentors (grad students) to assist K-12 students (100 hrs-\$2000)
- Hire Teacher Workshop Coordinator and Session Facilitators
 - One-day workshop to kick off the new year, providing important information about quality projects and safe research has always been done by volunteers! \$2,000
- Increase the number in the GNOSEF ISEF delegation (~\$1,500 per person)
 - SRC Chair (+\$1,500); All 4 teachers of the Grand Award winners - currently send 2 (+\$3,000)
- Junior Division School Grant Award
 - Similar to the Patrick F Taylor School Grant Award, offer \$5,000 to split between the middle school that participate with 10 or more projects.
- Increase the Junior Division Teacher Award (+\$500)
- Creation and implementation of assessment - \$2,000
 - Information regarding the impact of the GNOSEF would help with participation and funding

Current & Future Business

- Summer meeting of the board on **Tuesday, July 24th from 4-5:30pm** to discuss:
 - GNOSEF Wish List priorities
 - 2018-18 budget
 - Establish bylaws to officially define board and advisory council membership
- Future Business
 - Continue to identify and resolve obstacles to participation
 - Improve strategy for recruiting new schools
 - Develop assessment strategy

GNOSEF Strengths

(CONTRIBUTING TO THE SUCCESS OF THE PROGRAM)

- Over \$60,000 provided in recognition of student achievement and teacher/mentor contributions (ie. cash, trips, prizes, grants)
- Continued Financial Support from Dedicated Individuals, Corporate and Foundation Sponsors!
- Dedicated Scientific Review Committee working year-round
- Annual Teacher Workshop plus teacher support year-round
- Highly Qualified Judges
- Dedicated Fair Volunteers and Planning Committee

Thank You to Our 2018 Sponsors!

Platinum Sponsorship (\$15,000 and above)

H. Britton Sanderford (2012-2018)

Mr. H. Britton Sanderford also provides the James de la Houssaye \$5,000 first place and \$2,000 runner-up Mentor Awards recognizing a high school mentor for their educational and inspirational work with students, and a \$2,000 Neuroscience / Machine Learnings Scholarship for excellent work by a student researcher.

Gold Sponsorship (\$7,500- \$14,999)

Patrick F. Taylor Foundation (2007-18)



The Patrick F Taylor Foundation also provides a \$1,000 Scholarship to each of the top four Senior Division winners and \$10,000 in materials and/or field trip grants for participating high schools which have a minimum of 10 projects competing in the senior division.

Entergy Corporation (2017-2018)



Entergy Corporation also provides a \$1,000 Powering the Future Scholarship to a female, high-school senior with an outstanding, promising project.

Paul and Patty Habeeb Muehlemann 5-Year Sustainability Sponsorship (2018 - 2022)

In memory of Dorothy Van Lue Habeeb, founding member of the Greater New Orleans Science Fair, Inc., and in honor of Albert F.W. Habeeb M.D.

Mrs. Patty Muehlemann also provides a Dorothy Van Lue Habeeb \$1,000 Scholarship (Sr. Division) and \$50 award (Jr. Division) for an outstanding project focused on the study of Chemistry or the use of Chemistry as a tool in scientific inquiry or engineering design, and an Albert F.W. Habeeb M.D. \$1,000 Scholarship (Sr. Division) and \$50 award (Jr. Division) for an outstanding project related to Health Sciences.

Bronze Sponsorship (\$1,000-\$2,499)

American Petroleum Institute-Delta Chapter (2012-2018)

American Petroleum Institute

The American Petroleum Institute – Delta Chapter also provides 1st, 2nd, and 3rd place cash awards to Senior Division students and teachers for outstanding projects related to energy.

Society of Petroleum Engineers (2012-2018)



The Society of Petroleum Engineers also provides 1st and 2nd place cash awards to Junior Division students and teachers for outstanding projects related to the Oil Industry.

Laitram Corporation (2017-2018)



Lockheed Martin (2008-2018)



National Association of Corrosion Engineers (2008-2018)



The New Orleans Section of NACE International also provides 1st and 2nd place cash awards to Jr and Sr Division students and teachers for projects demonstrating the best understanding of corrosion. They also work with ASM International to provide an all-expense-paid trip to a one-week summer materials camp for the most outstanding 10th or 11th grade high school project in materials engineering science.

Blue Ribbon Sponsor (\$500-\$999)

The Bruce J. Heim Foundation (2010-2018)



The Bruce J. Heim Foundation also provides a cash award to a Senior Division student their sponsoring teacher to recognize an Outstanding Medical Research Project.

Blue Ribbon Sponsor (\$500-\$999)

**American Society of Civil Engineers – New Orleans
Branch (Local)**

Red Ribbon Sponsor (\$250-\$499)

Harriet Aguiar-Netto (2010-2018)

Individual Sponsor

Yellow Ribbon Sponsor (\$100-\$249)

Barbara LaNasa – Individual Sponsor

In Memory of Joseph A. LaNasa Sr. M.D., Tulane School of Medicine
1926 and Gerald R. LaNasa M.D., Tulane School of Medicine 1961

Honorable Mention (\$25-\$99)

American Welding Society: N.O. Section (2008-2018)



The American Welding Society – New Orleans Section also provides a cash award to a Junior and Senior Division student for the best project in the Welding or Materials Joining field.



2018 GNOSEF Community Supporters

Tulane University

Core Element

A&B Errand Services, LLC

Michael Maples Video Productions LLC



Loyola University

University of New Orleans

Women for a Better Louisiana

Projects With Purpose



2018-19 Proposed Calendar

- **August 26** Teacher Workshop and Kickoff (tentative date)
- **October 8** School Affiliation Forms Due
- **October 12** Submit Project for Pre-Approval to SRC
- **December 3** All Pre-Approvals Must be Completed
- **January 21** Project Registration/Document Deadline
- **February 8** All Project Documents Must be Approved
- **Feb 18-21** GNOSEF (Judging on Feb. 19 & 20)
- **March 1** Registration Deadline for State Fair
- **March 18-20** LA Science and Engineering Fair
- **May 12-17** International Science and Engr. Fair (ISEF)
Phoenix, AZ