# **CALENDAR**

< PREVIOUS MONTH

**MARCH 2019** 

NEXT MONTH >

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
24	25	26	27	28	1	7:00 PM Youth Musical - Homeward Bound
3 1:00 PM Community Art Drop- In 3:00 PM GAFC: Russett Swim Team Practice	4 8:00 PM Work Session - Prince George's County School Board Member Thomas (MB)	5 7:00 PM Public Safety Advisory Committee Meeting	6 7:30 PM Advisory Planning Board Meeting 8:00 PM Executive Session - City Manager Evaluation, MB Library	7 7:30 PM Work Session - Greenbelt East Advisory Coalition (GEAC) (stakeholder)	8	9 9:00 AM FREE Spanish Workshop - ESTUDIOS UNIVERSITARIOS A SU ALCANCE 2:00 PM Youth Musical - Homeward Bound 7:00 PM Youth Musical - Homeward Bound
10 NLC Conference (D.C)	11 NLC Conference (D.C) 8:00 PM Regular Meeting, (MB)	12 NLC Conference (D.C)	13 NLC Conference (D.C) No Meeting	7:00 PM Greenbelt Pedestrian & Bicycle Task Force Meeting 7:30 PM Community Relations Advisory Board Meeting	15 7:00 PM Art Shares	16
17 7:30 AM Third Annual 5K Walk/Run to Raise Awareness of Colorectal Cancer 3:00 PM GAFC: Russett Swim Team Practice	18 8:00 PM Work Session - NCO Zone / Arts & Entertainment District (MB)	19 7:00 PM Advisory Committee on Trees	20 7:30 PM Advisory Planning Board Meeting 7:30 PM Parks and Recreation Advisory Board Meeting 8:00 PM Work Session - Prince George's County, School Board Member Thomas, (CC)	21 10:00 AM Estate Planning Clinic	22 1:00 PM Senior Ice Cream Social	23 12:00 PM Langley Park Neighborhoods Taking Root: TREE WORKSHOP
24 3:00 PM GAFC: Russett Swim Team Practice	25 6:00 PM Active Parenting of Teens 6:45 PM Advisory Committee on Education Meeting 8:00 PM ACE Educator Awards 8:00 PM Regular Meeting. (MB)	26 9:00 AM Caregiving for Dementia Workshop 3:30 PM Senior Citizens Advisory Committee 7:30 PM Green ACES Meeting	27 7:00 PM Safe Dates - A Teen Dating Abuse Prevention Curriculum 7:30 PM Budget Work Session - Overview, Revenues & General Government/Other Funds/Non- Departmental & Fund Transfers, (CC)	28 7:00 PM Forest Preserve Advisory Board Meeting	29	30 10:00 AM Arbor Day Celebration 10:00 AM Common Ownership Communities Meeting
31 3:00 PM GAFC: Russett Swim Team Practice	1	2	3	4	5	6

# **CALENDAR**

< PREVIOUS MONTH</pre>

**APRIL 2019** 

NEXT MONTH >

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
31	Leslie Shellow: Works on Paper	2 Leslie Shellow: Works on Paper	3 Leslie Shellow: Works on Paper	4. Leslie Shellow: Works on Paper	5 Leslie Shellow: Works on Paper	6 Leslie Shellow: Works o Paper
	8:00 PM Work Session - Windsor Green Community Center	7:00 PM Public Safety Advisory Committee Meeting	10:00 AM  FREE Workshop for New & Expecting Parents			
	Renovation (tentative), MB		10:00 AM Clase de adiestramiento para nuevos o futuros padres			
			7:00 PM Safe Dates - A Teen Dating Abuse Prevention Curriculum			
			7:30 PM <u>Advisory Planning Board</u> <u>Meeting</u>			
			7:30 PM  Budget Work Session –  Misc. – Museum/Grants & Contributions/Social Services (SHL)			
	8	9	10	11	12	13
Leslie Shellow: Works on Paper	Leslie Shellow: Works on Paper	Leslie Shellow: Works on Paper	Lestie Shellow: Works on Paper	Leslie Shellow: Works on Paper	Leslie Shellow: Works on Paper	Leslie Shellow: Works o Paper
1:00 PM <u>Artful Afternoon</u> 3:00 PM <u>GAFC: Russett Swim</u> Team Practice	8:00 PM <u>Regular Meeting, (MB)</u>		7:30 PM <u>Budget Work Session</u> - <u>Public Safety, (SHL)</u>			
14	15	16	17	18	19	20
14 Leslie Shellow: Works on Paper	Leslie Shellow: Works on Paper	Leslie Shellow: Works on Paper	Leslie Shellow; Works on Paper	Leslie Shellow: Works on Paper	Leslie Shellow: Works on Paper	20 Leslie Shellow: Works of Paper
2:00 PM Art Shares	8:00 PM Work Session - Comprehensive Housing		7:30 PM Advisory Planning Board Meeting		10:00 AM <u>Underwater Egg Hunt</u>	10:00 AM Annual Egg Hunt
3:00 PM <u>GAFC: Russett Swim</u> <u>Team Practice</u>	Strategy / Affordable Housing, (MB)		7:30 PM <u>Budget Work Session -</u> <u>Public Works/Capital</u> <u>Projects. (Greenbriar)</u>		5:00 PM Spring Skate Series	
21	22	23	24	25	26	27
Leslie Shellow: Works on Paper	Leslie Shellow: Works on Paper	Lesiie Shellow: Works on Paper	Leslie Shellow: Works on Paper	Leslie Shellow: Works on Paper	Leslie Shellow: Works on Paper	Leslie Shellow: Works of Paper
	No Meeting - Easter Monday	6:30 PM  Managed Lanes Study and Presentation	7:30 PM Four Cities Meeting (Greenbeit), (MB)	7:00 PM Forest Preserve Advisory Board Meeting		10:00 AM <u>Electronics, Styrofoam</u> <u>Paint Recycling</u>
	6:00 PM Active Parenting of Teens	7:00 PM <u>Advisory Committee on</u> <u>Education Meeting</u>				
		7:30 PM Green ACES Meeting	; ; !			
		8:00 PM  Regular Meeting/1st  Public Hearing, (MB)				
28	29	30	1	2	3	4
Leslie Shellow: Works on Paper	Leslie Shellow: Works on Paper	Leslie Shellow: Works on Paper		1	:	:
3:00 PM <u>GAFC: Russett Swim</u> <u>Team Practice</u>	7:00 PM  Budget Work Session - Recognition Groups, (MB)	3:30 PM Senior Citizens Advisory Committee				



# City Manager's Report Week Ending March 15, 2019

- 1. Received the draft budget on 3/14. Reviewing the draft budget document and scheduling department review meetings.
- 2. Met with and/or teleconferenced with staff and City Solicitor to discuss operational and personnel matters.
- 3. Attended the National League of Cities Conference, including Advocacy Day meetings with elected officials, Greenbelt Youth Advisory Committee, and Ms. Allison Longworth, Recreation Manager. The group met with Senators Cardin and Van Hollen, their staff, as well Representative Hoyer's staff. Attended sessions on immigration, transportation and technology, Supreme Court impacts on local government, as well as speeches by White House officials (drugs and opioid crisis, local government/Federal cooperation, and housing). The Youth Advisory Committee members confirmed that they are planning to participate in the upcoming NLC "Love your City" campaign this summer.
- 4. Attended the Friends of the Greenbelt Museum's Americans for the Arts presentation at the Old Greenbelt Theatre.

# 5. Assistant City Manager

- a. Attached is a Legislative Update.
- b. Worked on updating Budget tables and narrative.
- c. Monitored and tracked State legislation.
- d. Staffed a CRAB meeting.
- e. Held a CDBG pre-construction meeting.

# 6. City Treasurer

- a. Completed budget comments for General Fund, Debt Service Fund, and Green Ridge House.
- b. Forwarded completed revenue narrative for inclusion in budget document.
- c. Prepare for departmental meetings to review every page of budget document prior to presentation on March 25th.
- d. Begin review of February revenues and expenditures.

# 7. Information Technology

- a. Review Verizon One Call solution WebEx
- b. Replace/upgrade one outside camera at GAFC
- c. Archive and close old email accounts

# 9. Economic Development

- a. Business & Community Engagement
  - <u>First Data Corp</u>: Meeting with Senior Business Solutions Consultant to obtain a demo on how advancements in technology streamline merchant services for businesses.
  - <u>CoStar</u>: Introductory meeting with account manager to learn more about different data collected about commercial real estate in Greenbelt and throughout the region. Scheduled demo to walk

through key features and explore ways that obtaining a subscription may be useful for assessing business relocation, expansion and retention.

# b. Economic Development Admin

- Exploring different approaches to support deeper engagement among businesses who have expressed interest in connecting with other businesses for the purpose of sharing best practices to achieve business goals.
- Introduced to Goddard Advocacy Partnership (GAP); coordinating initial meet & greet.
- Became member of Maryland Economic Development Association to plug into resources, upcoming events (i.e. 3/22 Primer for Economic Development in Maryland) and annual conferences.
- Ongoing business and organization outreach.

cc: Department Heads
David Moran, Assistant City Manager
Mary Johnson, Human Resources Officer
Bonita Anderson, City Clerk

# 2019 Legislative Update March 15, 2019

Bill #	Description	Sup/Opp	Status
HB 10	SHA – Repair & Maintenance of Sidewalks	SUP	Hearing held 1/30. Committee voted unfavorable. Bill withdrawn.
SB 200 HB 1296	Prohibited Appropriations – MAGLEV	SUP	Hearing held 2/7.
HB 102 SB 442	Toll Roads – County Consent Required	SUP w/amend	HB hearing held 2/7. SB hearing 2/27 at 1:00pm.
HB 109 SB 285	Prohibition on Expanded Polystyrene Products	SUP	HB hearing held 2/6. Committee voted favorable with amendments. <b>Passed House</b> 97-38. SB hearing held 2/12. Committee voted favorable with amendments. Passed Senate 34-13.
HB 251 SB 279	Grants for Aging in Place	SUP	HB hearing held 2/13. Committee voted favorable with amendments. Passed House 138-0. SB hearing held 2/14. Committee voted favorable with amendments. Passed Senate 46-0.
HB 209	Private Transportation Projects - Authority to Use State Rights of Way	SUP	Hearing held 2/14.
SB 387 HB 669	Pipeline and Water Protection Act	SUP	SB hearing held 2/19. HB hearing 3/7 at 1:00pm.
SB 516 HB 1158	Clean Energy Jobs Act	SUP	SB hearing held 3/5. HB hearing held 3/8.
SB 316	Plug-In Vehicles – Reserved Parking Spaces	SUP	Hearing held 2/13. Committee voted unfavorable.
HB 82 SB 116	Complete Streets – Access to Healthy Food	SUP	HB hearing held 2/7. Committee voted favorable with amendments. Passed House 121-19. SB hearing held 2/13.
HB 765 SB 914	Magnetic Levitation Projects – Requirements	SUP w/amend	HB hearing held 2/28.
HB 517 SB 460	Pedestrian Safety Fund of 2019	SUP	HB hearing held 2/21. SB hearing held 3/5. Committee voted favorable. Passed Senate 47-0.
SB 787 HB 1281	Bikeways Network Program  – Funding	SUP	SB hearing held 3/5. HB hearing held 3/7.
SB 713 HB 1020	Wireless Facilities – Permitting & Siting	SUP	SB hearing held 2/26. HB hearing held 2/21. Referred to Interim Study.
HB 654 SB 937	Wireless Facilities – Installation & Regulation	OPP	HB hearing held 2/21. <b>Referred to Interim Study.</b> SB hearing held 2/26.

Bill#	Description	Sup/Opp	Status
SB 548 HB 961	Renewable Portfolio Standard – Eligible Sources	SUP	SB Hearing held 3/5. HB hearing held 3/8.
SB 478 HB 1317	Vehicles – Alteration of Tax Credit	OPP	Senate Committee voted favorable with amendments.
HB 560	SHA – Traffic Calming	SUP	Committee voted favorable with
Towards of the first of the fir	Devices	w/amend	amendments. Passed House 137-0.
HB 900	Housing Cooperatives, Condominiums and Homeowner Associations	OPP	Hearing held 3/5.
HB 444	SHA – Mowing, Maintenance & Litter Removal	SUP	Hearing held 3/12.
HB 905	Low Voltage Electricians Licensure	OPP	Hearing held 3/1.
HB 884	Sales and Use Tax –	SUP	HB hearing held 2/26. SB hearing held
SB 533	Limited Residential Lodging	w/amend	2/27.



# Goddard Socioeconomic Impacts

September 17, 2018

# Submitted To:

Phillina Tookes NASA Goddard Space Flight Center Government and Community Relations Manager

# Submitted By:

Carissa Christensen CEO Bryce Space and Technology

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Introduction	1
Goddard Invests in Technology and U.S. Industry	2
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# Introduction

"There can be no thought of finishing, for 'aiming at the stars,' both figuratively and literally, is a problem to occupy generations, so that no matter how much progress one makes, there is always the thrill of just beginning."

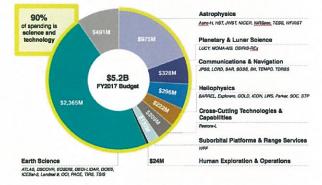
- Robert Goddard

This report characterizes the cumulative socioeconomic impacts of NASA Goddard Space Flight Center. Goddard, a demonstrated leader in the pursuit of space exploration and scientific discovery, was established in 1959 as the first NASA space flight complex. Goddard impacts are widespread and evident throughout the economy. Goddard manages groundbreaking missions and technologies that create jobs, drive space innovation and business growth, and inspire the next generation of students in science and engineering.

# **Snapshot of Goddard Budget**

The Goddard FY2017 budget was \$5.2 billion (Figure 1). The Center spent about 90 percent on

science and technology, with eight focus areas: Earth science, astrophysics, heliophysics, planetary science, space communications and navigation, suborbital platforms and range services, crosscutting technologies and capabilities, and human exploration and operations. Goddard program activities range from managing Wallops Flight Facility, the only solely NASA-owned range, to building and operating one-of-a-kind scientific spacecraft including the James Webb Space Telescope, the successor to the Hubble Space Telescope. The remaining 10 percent of the



Goddard budget was used for management and operations, such as institutional support, information and logistics, procurement operations, and facilities management.

Figure 1. Ninety percent of Goddard

Figure 1. Ninety percent of Goddard's budget supports science and technology



# How Does Goddard Impact the Economy and Society?

The socioeconomic impact of Goddard Space Flight Center ripples through society in a multi-faceted manner. This report groups these impacts into six categories, with each described in a section that highlights important outcomes:



# Goddard invests in technology and U.S. industry:

Goddard spends on critically important technologies, businesses, and universities to strengthen U.S. competitiveness.



# Goddard spurs innovation and business growth:

Goddard transfers its unique knowledge, products, services, and processes.



# Goddard enables space-related industries:

Goddard advances space-related industries that have broad impacts on daily life.



# Goddard promotes international collaboration:

Goddard collaborates with international partners to produce vital science.



# Goddard creates unique scientific insight and data:

Goddard generates critical data and knowledge that is fundamental to our scientific understanding.



### Goddard inspires and informs:

Goddard engages the public in science and technology.

# Goddard Invests in Technology and U.S. Industry

Goddard programs invest in technologies important to both society and the economy, such as advanced and integrated computing, additive manufacturing, and synthetic biology. For example, Goddard activities support the U.S. priority of re-invigorating the manufacturing sector. Major Goddard projects map to five key U.S. manufacturing sectors (Figure 2) and fifteen emerging technology trends. Trends related to advanced manufacturing, integrated computing, and new sensing technologies have the closest relationship with the work of Goddard, driven primarily by its Earth science,

communications and navigation, and crosscutting technology and capabilities focus areas. Of the five U.S. manufacturing sectors identified, three are supported by all



Figure 2. Goddard contributes to five key manufacturing sectors



Goddard focus areas.

# Goddard Investments Yield Earth Applications

Technology development and scientific research performed in all Goddard focus areas provide tangible benefits to quality of life on Earth. Work in earth science, communications and navigation, and crosscutting technologies and capabilities have applied returns providing the means to better predict disasters, more reliably endure disasters, and support search and rescue efforts afterward, saving lives every day. The investments of the Center also improve quality of life through systems such as GPS and by enhancing automation of routine tasks. Other Goddard focus areas serve to inform other fields such as human health and climate studies, prolonging human life. From the macroscopic scale of forecasting global weather developments and predicting seismic events to the familiarity of coordinating local events and developing new fabrics, Goddard technologies provide a spectrum of direct applications.

# Goddard Spending Has a Greater Impact than the Federal Average

Spending by any government agency generates transactional economic impacts. These are often evaluated using standard input-output models. Spending by Goddard tends to be oriented around highly specialized and technical goods and services, which produce a greater impact than more general expenses. An input-output analysis using IMPLAN (a widely-used input-

output modeling software) shows that every dollar Goddard spends ripples through the economy to generate almost three dollars of output (Figure 3). This modeling does not include the unique value of the impacts of knowledge creation or innovation. Rather, this modeling is a top level, transactional view of how Goddard spending supports and generates jobs, earnings, and



Figure 3. Economic output of Goddard spending

economic activity. Goddard spending generated \$13.8 billion across all states with Goddard facilities in FY2017. Goddard also strengthens the economy by supporting 86,000 jobs. The science and technology facilities that Goddard operates across the country provide more economic output for each dollar spent than most other federal spending. The host state of Goddard Space Flight Center, Maryland, enjoys the greatest absolute outcome from Goddard spending, where \$4.7 billion in economic output is generated.

# Goddard Spurs Innovation and Business Growth

Every year, Goddard creates innovative products, services, and processes. Many of these are transferred to industry for commercial use or fed into the next generation of Goddard technology



development. In the process, new companies, jobs, and revenue streams are created.

# Goddard Transfers Technology to Spur Development and Growth

Goddard has made technologies developed by its programs and partnerships available to thousands of entrepreneurs and firms, helping create and improve a wide variety of products and services to the benefit of the U.S. economy. As shown in Figure 4, Goddard uses many different mechanisms to transfer technologies, such as Space Act Agreements (SAAs), Cooperative Research and Development Agreements, Software Usage Agreements (SUA),

Patent Licenses, Small Business Innovative Research (SBIR) agreements and Small Business Technology Transfer (STTR) agreements.

Over the past decade, Goddard developed nearly 2,400 new technologies, licensed 33 patents, signed over 730 SUAs, and established over 1,400 SBIRs/STTRs. Goddard has 43 active SAAs in the United States that provide expertise and resources to companies, non-profits, and academia.

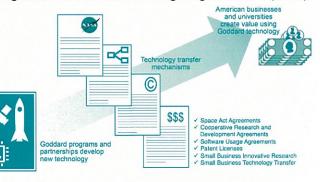


Figure 4. Goddard makes technologies available to thousands of businesses and universities

# Goddard Enables Space-Related Industries

Since 1959, Goddard has contributed to critically important space-related commercial industries. Space-related industries such as communications, navigation, remote sensing, and space access enhance modern life and drive economic growth. Work at Goddard has been and continues to be critical to commercial satellite telecommunications, satellite navigation, Earth observation and weather, and space access industries (Figure 5). Goddard pioneered the laser communication technology now in military and commercial use and opened up the Ka band that has become a key segment of high-bandwidth spectrum. Goddard also produces key Earth science data for



Figure 5. Goddard contributes to commercial space industries

weather forecasting and associated weather industry. Beyond its innovative activities, Goddard provides foundational support for space related industries through its geodesy work as well as its operation of the Space Network.



# Goddard is Critical to the \$7B Weather Industry

Goddard enables the \$7 billion weather industry. Data from weather satellites affects day-to-day routines, aids in search and rescue missions, and supports our understanding of climate change and its consequences. Goddard built the first low Earth orbit (LEO) weather satellite (TIROS-1) in 1960 and has been building and advancing weather technology ever since. Goddard manages a multitude of weather satellite missions and has built satellites for the National Oceanic and Atmospheric Administration (NOAA) to deliver forecasting data to people worldwide. See Figure 6 for highlights of Goddard contributions to the weather forecasting industry.

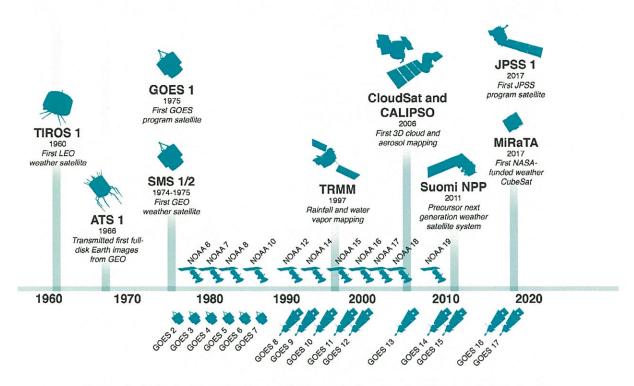


Figure 6. Selected Goddard contributions to the weather forecasting industry



# Goddard Promotes International Collaboration

Goddard research partnerships span the globe. Through its agreements, Goddard supports international collaboration.

# Goddard Research Partnerships Span the Globe

Goddard promotes international collaboration by building global connections through collaborative arrangements and partnerships, such as SAAs. These are flexible policy tools that enable collaborative research and design, use of facilities, modeling, technology demonstrations, data sharing, and design competitions with schools. Goddard has over 170 active international SAAs with 89 foreign partners in 55 countries. These SAAs individually and collectively strengthen innovation by providing the Center's expertise and resources to its partners. Figure 7 depicts the reach of Goddard international SAAs.



Figure 7. Goddard has over 170 international Space Act Agreements in 55 countries\*

\*The Space Act Agreement with China is collaborative work on the Space Geodesy Project with the Chinese Academy of Sciences

Scientists from Goddard work with organizations across the world to create projects and lasting partnerships. The Aerosol Robotic Network (AERONET) is a global project headed out of Goddard that monitors atmospheric change phenomena, with emphasis on climate research and air quality. AERONET spans 736 sites in 96 countries, through a mix of SAAs and other arrangements. Another notable collaboration led by Goddard is the Global Precipitation Measurements mission conducted with the Japan Aerospace Exploration Agency, the Indian Space Research Organization, and the National Centre for Space Studies. Goddard also leads the Space Geodesy Project that provides the baseline map of the Earth's mass, which is necessary for the accuracy of many global measurements.



# Goddard Creates Unique Scientific Insight and Data

An immense amount of scientific data is produced and managed by Goddard and then made available to the public at no cost. Thousands of Goddard data sets support fields of study and industries from archaeology to zoology. Goddard science and data also support a vast array of academic research while Goddard scientists themselves have published thousands of scientific articles on their work. Goddard also involves the public in its mission as citizen scientists and motivates individuals and companies to participate in science and technology challenges. Goddard leverages expertise and innovative thinking across industries to advance research and engage communities.

# Goddard Provides Critical Data, Expanding the Public Knowledge Base

The data sets kept by Goddard expand the public knowledge base. Goddard public data sets cover a broad range of information on space, Earth, biology, and climate science; a sampling of the available data sets is shown in Figure 8. Goddard Earth science data, the largest Goddard data collection, boasts 3 million unique users of nearly 12,000 data sets. These data sets collectively include over 24,000 terabytes of information, a figure that is growing by over 15 terabytes per day. In 2017, public users accessed about 1.4 billion downloads of Goddard Earth science data. Other widely used datasets include Hubble Space Telescope Imagery, Solar Dynamics, and the Space Science Data.

# Aerosols Animal Migration Glaclers & Geodesy Chemistry Marine Geophysics Ocean Acoustics Paleo-Climate Public Health Soils Solar Dynamics Tectonics Weather Events

Figure 8. Sample of public NASA data sets

# Goddard is a Widely Respected Source of Scientific Information

Current Goddard missions or programs have been mentioned in over 450,000 English-language academic articles, with the output of the Hubble Space Telescope accounting for a quarter of all mentions. In 2017, Goddard authors published over 2,000 articles in over 280 journals.

# Goddard Involves the Public as Citizen Scientists

Goddard has involved over 250,000 people from more than 100 countries in citizen science projects. One



Figure 9. An example of STEVE



example of this involvement is the work of the Goddard Aurorasaurus citizen science team, which led to the discovery of STEVE, or Strong Thermal Emission Velocity Enhancement (Figure 9). The observation of a thin purple light by citizen scientists, distinct from previously recorded auroras, led to this discovery.

# Goddard Inspires and Informs

Goddard engages the next generation of scientists and engineers through its internships and K-12 outreach partnerships and resources. Goddard motivates individuals and companies to participate in science and technology challenges and leverages expertise and innovative thinking across industries to advance research and engage communities. Goddard high-profile social media account inspires widespread interest among the public for science and technology.

# Goddard Engages the Next Generation of Scientists and Engineers

Goddard reaches out to K-12 students nationwide every year. The level of educator and student participation in these activities demonstrates Goddard success in engaging students. In FY2017, over 200 educators participated in workshops, and tens of thousands of K-12 students participated in outreach activities. In Maryland alone, there were over 25,000 student participants in Goddard outreach. Fourteen different states and the District of Columbia use Goddard's Educator Resource Centers to provide teachers access to over 180 STEM resources. Goddard has partnerships with educational institutions in Maryland, Virginia, West Virginia, and New York.

# Goddard Internships and Fellowships are in High Demand

Goddard received more than 4,800 applications for internships in FY2017 and awarded 457 student internships. Out of the 2017 summer interns, 283 were undergraduate students, 72 were graduate students, and 102 were high school students (Figure 10). The greatest number of applicants and awards were in the engineering and science disciplines: 86 percent of interns worked directly on technology development or scientific research. Other areas training interns include IT, validation, and mission assurance.

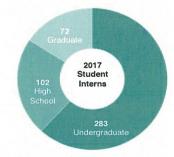


Figure 10. Goddard Interns

# Goddard Challenges Ignite Innovation and Public Interest

Goddard involves students in grades 3-12 in an annual event: the Optimus Prime Spinoff Promotion & Research Challenge. In this event, teams of students are responsible for working



to develop new ways in which NASA technologies could be utilized outside of the Agency's mission. In 2017, the OPSPARC challenge involved 1,500 participants. In addition to the competitors, the public is encouraged to participate by voting for the winner out of the selected top 10 entries for each age group. Goddard uses the OPSPARC challenge to spur innovation and ignite public interest, which in turn jump-starts innovation for relatively little investment.

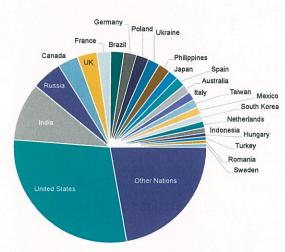


Figure 11. Viewers by country for Goddard Flagship YouTube Account

# Goddard Inspires Widespread Interest Among the Public

Social media platforms provide direct insight into what interests people and how they share information. Goddard YouTube channels collectively have over 900,000 subscribers, with the flagship Goddard YouTube account alone accruing over 160 million views. Goddard Facebook pages have 15 million followers, while its Twitter accounts have 10 million followers. The top five accounts by traffic across social media platforms are the Hubble, Earth Science, Flagship, NASA Hurricane, and James Webb Space Telescope. Figure 11 depicts the global outreach that occurs from just one social media platform.



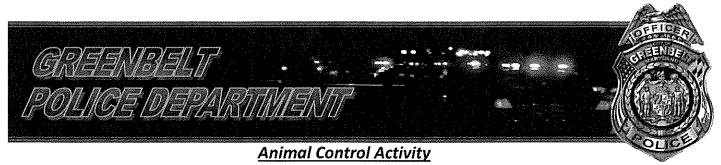
# **CRIME REPORT TALLY SHEET**

**WEEK OF MARCH 13, 2019** 

The following list is comprised of the actual numbers of offenses reported during the week. Not all reports are included as narratives, only incidents of interest, unusual or public safety related items are included.

GENERAL CRIMES		GENERAL CRIMES (CON'T)	
Carjacking		Animal Bite	
Rape		Disruption of School Activities	
Armed Robbery	1	Transporting a Handgun in a Vehicle	
Attempt Armed Robbery	1	Reckless Endangerment	
Strong Armed Robbery		Emergency Commitment Petition	1
Attempt Strong Armed Robbery		Missing Person	
Burglary	2	Fraud	4
Attempt Burglary		Unattended Death	
Assault (Two domestic related)	3	Alcohol Violation	
Domestic	3	False Report	
Drugs	1	Harassment	
DUI/DWI		Field op (suspicious person)	2
Theft	3	Notification for other agency	
Vandalism		False Government ID	1
Child Abuse		VEHICLE RELATED CRIMES	
Unattended Child		Stolen Vehicles	1
Trespass	1	Recovered Stolen Vehicles	2
Disorderly Conduct	1	Recovered Stolen Tags	
Failure to Obey Lawful Order		Theft From Vehicles	7
Credit Card Offense		Attempt Theft From Vehicles	
Telephone Misuse		Attempt Theft of Vehicle	
Counterfeit Money	1	Vandalism to Vehicles	1
Suspicious Person		Accidents	3





# One dog adopted

Three stray dogs impounded

Two dogs returned to owner

One cruelty complaint investigated

Two cats trapped, neutered and released

One cat surrendered

Assistance rendered for two sick cats

One deceased dog picked up





# CRIME REPORT

**MARCH 13, 2019** 

This activity report is provided as a public service to the community. It is intended to give an overview of the criminal activity within Greenbelt and is not a complete listing of all events and crime reported to the Greenbelt Police Department. The Weekly Activity Report is also available online at:

# www.greenbeltmd.gov/police

The Greenbelt Police Department and Crime Solvers are offering a reward of up to \$1,000 for information leading to the arrest and conviction of the person(s) responsible for any of the unsolved crimes reported in this report. Call **1-866-411-TIPS** to report any information you may have. You can remain anonymous.

Additionally, you can anonymously report suspected drug activity in your neighborhood by calling our Drug Tip Line: 240-542-2145.

# **CENTER CITY**

03/07

03/08	6400 block Capitol Drive. Assault arrest. James Philip Campbell, 62, of Goochland, VA was
11:30 P.M.	arrested and charged with Second Degree Assault, Trespass, Disorderly Conduct and
	Resisting Arrest by officers responding to a report of a subject bothering patrons at TGI
	Friday's restaurant. The suspect refused to leave the premises then punched an officer.
	The suspect was transported to the Department of Corrections for a hearing before a
	District Court Commissioner.

# FRANKLIN PARK/BELTWAY PLAZA/GREENBELT STATION/CAPITOL OFFICE PARK/METRO

1:45 P.M.	bathroom at the TJ Maxx clothing store when the suspect stuck his head under the stall. The victim yelled out and the suspect fled the scene. The suspect is described as a black male approximately 40 years of age, wearing a green hat and a green top, no further.
03/07	Area of Greenbelt Road and Cherrywood Lane. False government document arrest. Luis
8:50 P.M.	Antonio Mejia Zavala, 32, of Hyattsville, MD was arrested and charged with Possession of a False Government Document after he was found to be in possession of a counterfeit Maryland Driver's License after being stopped for a traffic violation. The suspect was released on citation pending trial.



A NATHONALLY ACCREDITIED LAW ENFORGEMENT ACENCY

6000 block Greenbelt Road. Peeping tom. The victim advised that she was in the

GRE POLL	IENBELT : : GERRARITMENT
03/08	9100 block Edmonston Court. Burglary. Unknown person(s) forced open the front door of
3:00 A.M.	a residence, damaging the lock assembly in the process. Nothing appeared to have been taken.
03/10	6000 block Greenbelt Road. Counterfeit money. A counterfeit bill was passed at the Books
4:00 P.M.	A Million bookstore. The suspect is described as an unknown male, 6', 150 pounds, with black hair.
03/12	5800 block Cherrywood Lane. Trespass arrest. Aikeem Carlos Turner, 29, of no fixed
5:20 A.M.	address was arrested and charged with Trespass by officers responding to a report of a suspicious person. The suspect was found to have been banned from the complex by agents of the property. The suspect was released on citation pending trial.
03/12	6100 block Springhill Terrace. Robbery. The victim, a food delivery person, advised that he
8:46 P.M.	entered an apartment building to make a delivery when he observed a subject standing in the stairwell. He attempted to leave but was stopped by the suspect, who displayed a handgun and announced a robbery. A second suspect then appeared holding a knife. After taking the victim's cell phone both suspects fled the scene on foot. The suspects are described as two black males wearing all black clothing and wearing ski masks, no further.
03/13	5800 block Cherrywood Terrace. Burglary arrest. Antoine Damion Smallwood, 38, of
8:37 A.M.	White Plains, MD was arrested and charged with Burglary and Trespass by officers

# **GREENBELT EAST/GREENWAY SHOPPING CENTER**

03/07	7601 Hanover Parkway. Theft. A laptop computer was taken at Eleanor Roosevelt Senior
12:48 P.M.	High School.
03/08	7700 block Hanover Parkway. Possession of marijuana arrests. Desmond Chinonso
7:23 P.M.	Nkwocha, 19, of Bowie, MD, Harold Devon Neal, Jr., 19, of Bladensburg, MD and a 17 year old Bladensburg, MD youth were arrested for Possession of Marijuana by officers investigating a suspicious occupied vehicle. Both adults were released on citation pending
	trial. The youth was released to a guardian pending action by the Juvenile Justice System.

before a District Court Commissioner and for service of an open arrest warrant.

responding to a report of a suspicious person sleeping in a basement of an apartment building. The suspect was transported to the Department of Corrections for a hearing



GRE POU	IENBELT : : : : : : : : : : : : : : : : : : :
03/12 1:30 A.M.	7600 block Greenbelt Road. Attempt robbery. The victim, a pharmacist at the Pharmacy, advised that the two suspects entered the store, with one implying that he had a weapon and demanding prescription medication. After they were told that it was unavailable both suspects fled the area in a vehicle described as an unknown 4-door vehicle. The suspects are described as a black male, 5'7", 170 pounds, wearing a black parka and a mask on his face and a black male, 5'8", 175 pounds, wearing ripped blue jeans, a blue coat, a white hooded sweatshirt and black and white shoes.

# **Automotive Crime - City Wide**

2 /22	OCCUPATION OF THE PROPERTY OF
3/08	9200 block Edmonston Road. Stolen auto. A 2015 Hyundai Sonata 4-door. The vehicle was
	recovered March 11 <sup>th</sup> in the area of Newington Court and Highview Place, Capitol
	Heights, MD. No arrests.
3/09	7400 block Greenway Center Drive. Theft from auto. Unknown person(s) broke out the
	front passenger window and removed clothing.
3/09	7400 block Greenway Center Drive. Theft from auto. Unknown person(s) broke out the
·	rear driver's side window and removed a purse.
3/09	7400 block Greenway Center Drive. Theft from auto. Unknown person(s) removed a carry
	bag from an unlocked vehicle.
3/09	7400 block Greenway Center Drive. Theft from auto. Unknown person(s) broke out the
	rear driver's side window and removed a purse.
3/09	8100 block Lakecrest Drive. Theft from auto. Four tires and rims were taken from a
·	vehicle.
3/11	6900 block Hanover Parkway. Theft from auto. Four tires and rims were taken from a
•	vehicle.
3/11	7600 block Hanover Parkway. Vandalism to auto. Unknown person(s) vandalized the roof
1	of a vehicle.
3/11	5900 block Cherrywood Lane. Theft from auto. A Virginia temporary tag, 29926G, was
	taken from a vehicle.
3/13	9300 block Edmonston Road, Recovered stolen auto. A 2016 Hyundai Sonata 4-door.
-,	·
03/11	5900 block Cherrywood Lane. Theft from auto. A Virginia temporary tag, 299260



# Department of Public Works March 15, 2018



### **ADMINISTRATION**

- Attended a joint MML Recreation and Public Works meeting.
- Jim Sterling, Brian Kim and Luisa Robles participated in a conference call with the EV Purchasing Collaborative group.
- Jim Sterling, Brian Kim and David Moran held a pre-construction meeting with the County and contractor for the Community Development Block Grant project.
- Held a pre-construction meeting with WSSC regarding the water line replacement on Lastner Lane and Ridge Road.

### STREET MAINTENANCE/SPECIAL DETAILS

- Pushed debris and cleaned up the mulch at the Northway Fields compost site.
- Cleaned storm drains in Historic Greenbelt.
- Removed risers from the Community Center and put them back into storage.
- Repaired Northway Road leading to the compost site.

### **BUILDING MAINTENANCE**

- Replaced the Pool Pak filters.
- Assisted the contractor with camera and antenna installation at the Aquatic & Fitness Center and the theater.
- Replaced two LEDs in the parking lot by the Municipal Building.
- Replaced phone in the elevator at the Police Station.
- Came in after hours to check the street lights and reported to Pepco.
- Began repairs on the fire alarm system at the Aquatic & Fitness Center.

# REFUSE/RECYCLIG/SUSTAINABILITY/ENVIRONMENTAL

- Collected 20.42 tons of refuse and 12.02 tons of recycling material.
- Made preparations for and led a volunteer event on Saturday. Participants will be doing litter clean-up in the forest preserve by the dog park.
- Assisted with the editing of the Greenbelt Tree Care Program and made the GIS map to accompany the document.
- Met with Composting Municipalities Organizing Now (CMON).
- Researched dog waste stations, met with Brian Townsend to discuss, chose a model and emailed the group for comments; purchased chosen stations.
- Attended the MD-DC Compost Council steering committee meeting.
- Attended the EPA's webinar on the "State of the Voluntary Green Power Market" for Green Power Partners; re-registered the City as a Partner.
- Wrote a support letter for Yuck Old Paint to be considered for the George Mason University's Women in Business Award.
- Composed and sent the yearly electronics recycling report for the State of Maryland.

### HORTICULTURE/PARKS

- Continued to rebuild benches at Buddy Attick Park.
- Power washed the Braden Field tennis courts.
- Started pruning the garden at GHI.
- Weeded and cleaned landscape beds.
- Chipped branches around the city.

### FLEET MAINTENANCE

- Completed installation of new brake chambers, slack adjusters, brake shoes and hardware, brake hoses and fittings on dump truck #126.
- Performed "exhaust after treatment regeneration" through the computer program on refuse truck #264.
- Performed preventative maintenance and an oil change on police vehicle #846.
- Installed rear brake pads and performed an oil change on bus #502.
- Mounted and balanced two (2) tires on Police vehicle #866.
- Repaired the alternator on pick-up #113.
- Replaced the fuel pump and completed preventative maintenance on Recreation van #308.
- Repaired air lines on dump truck #125.
- Completed preventative maintenance and replaced the wiper blades on the Cares van.

# Greenbelt Recreation Department Weekly Report Week Ending March 15, 2019

# **ADMINISTRATION:**

- Staff attended a joint MML meeting between the Park and Recreation Association and Public Works Association.
- Staff prepared and delivered Recognition Group binders to the Grant Review Panel.
- Staff prepared for next week's PRAB meeting.
- Spring field permits are being developed.
- FY 2020 budget preparations continue.

# YOUTH CENTER/ SPRINGHILL LAKE/PARK RANGERS/GREENBELT KIDS:

- Spring 2019 Activity Guide is available on-line and printed guides are available in city buildings. Registration for residents began on Monday, February 25. Non-resident registration began on Monday, March 4. Spring classes begin on or after the week of March 25.
- Winter classes continue this week through mid-March.
- Camp registration continues this week.
- Planning for Spring Camps continued this week.
- Staff attended Labor Day Festival Committee meeting.
- Staff attended the NLC Conference with Youth Advisory Committee members this week.
- Staff collaborated with Greenbelt Library to offer a new STEM themed program at Springhill Lake Recreation Center. The first workshop, targeting elementary students, will take place on Monday, March 25.
- Staff are working on data input, editing, and summer program planning as part of the Summer 2019 Activity Guide process.
- Planning and preparation for Annual Egg Hunt at BAP continued this week.
- Planning and preparation for Celebration of Spring continued this week.
- Camp Staff positions are posted on the city website and applications for Summer 2019 are now being accepted.
- Signs promoting Camp programs were placed throughout Greenbelt.

# AQUATIC AND FITNESS CENTER:

- GMST met for practice on Sunday, Tuesday and Thursday.
- Russett Swim Team practice will be held on Sunday, March 17, from 3:00pm to 4:00pm.
- GAFC will close at 8:00pm on Sunday, March 17th for the monthly in service staff training.
- Three private swim lesson requests were received and matched with swim instructors (Friday-Thursday).
- GAFC Swim Instructor(s) provided 24 private swim lessons and personal training sessions (Friday-Thursday).
- 2059 GAFC Newsletter subscribers received a notification about spring 2019 online registration via GovDelivery System on Thursday, March 14th.
- Spring 2019 Homeschool Swim lessons start on Friday, March 15th. Youth Swim Lessons start on Saturday, March 16th.
- A total of 38 UM Shuttle Membership Passes were sold as of March 14th.
- Two candidates for Customer Service Representative/cashier position were interviewed and accepted the job offer.

# **COMMUNITY CENTER:**

- Supervisor attended a Bike to Work Day meeting at COG in DC.
- Registration for Bike to Work Day is now open! Free registration at www.biketoworkmetrodc.org. Save the date: Friday, May 17th.
- Supervisor conducted a Kitchen tour with a potential food operation renter.
- Supervisor continues to field inquires in regard to food operation rentals for the Commercial Kitchen. There have been 398 inquiries since April 2015. There are currently five food operations who received all permits and may rent the Kitchen.
- The facility hosted an American Red Cross Blood Drive.
- There were 5 facility reservations processed.
- There was 1 private rental and 14 pattern rentals.
- The following free space groups were provided space: Golden Age Club, Greenbelt Concert Band, Widowed Persons Support Group, Girl Scout Troop #27, Greenbrook Village HOA, Charlestowne Village, Greenbelt Labor Day Committee, Greenbelt Climate Action Network, Greenbelt Youth Baseball, Greenbelt Interfaith Leadership, Greenbelt Pedestrian Bicycle Task Force, Greenbelt Community Garden Club, Greenbelt Community Foundation, Greenbelt Writers Group
- The following City groups were provided space: Be Happy, Be Healthy Yoga, Line Dancing, Volleyball & Pickleball, CARES, GAIL

### ARTS:

- Staff were successful in securing grant support from the Prince George's Arts and Humanities Council for afterschool art classes next year at Springhill Lake Elementary School. The amount of the grant is \$1,940. Grant support assists the city in providing these classes free of charge to about 120 students each school year.
- Winter session classes and open studio programs have ended and the studios are closed for cleaning and reorganization. 33 quarterly classes and workshops were offered in winter serving 322 enrolled participants. Students reported that they enjoyed: "creativity without restraint"; the "encouragement to stretch beyond [my] current skill level"; "demos and personal advice/critiques"; "amazing amount of info"; "team encouragement"; "everything"; the instructor was both an "incredible artist" and a "wonderful teacher"; "the instructor's disposition was so calming. A+!" All participants who completed course evaluations rated their experience as good, very good or most commonly excellent (92%).
- Photos of the Greenbelt Youth Musical by Eric Zhang are now available online: https://photos.app.goo.gl/pKdanCx8r949ftQr8. Laundry, repairs, and other post-performance tasks are ongoing.
- Summer session programs and activity guide content are in development.
- Staff met with the Greenbelt Middle School art teachers about a student show next year at the Community Center among other possible collaborations.
- Staff attended the Greenbelt Museum's talk with Randy Cohen of Americans for the Arts.
- An Art Share will take place on March 16 at 7pm in room 113. This free, monthly program invites local artists to come together to network and share feedback about each other's work.

# THERAPEUTIC RECREATION:

- Supervisor worked with Bev Palau for summer camp applications all jobs were posted and went live on 3/12.
- Preparations being made for our annual Senior Ice Cream Social- next Friday, 3/22- all are welcome to join us. Featuring Retro Rockets, begins at 1pm.
- Supervisor continues to prepare and plan for the summer activity guide
- 12 Seniors went on the shopping mall trip to Annapolis Mall. Shout out to trip leader Ken Mahen.
- Coordinated the monthly Blood Drive for Fri, 3/15.
- Senior Nutrition served 86 hot meals the week of 3/11-3/15.

Senior Citizens Advisory Committee was just appointed a new member. advertising for new members, and is now full.	The Committee has been

# **WEEKLY REPORT**

# **Planning and Community Development**





The following items highlight the various activities of the staff of Planning and Community Development for the past week.

CODE ENFORCEMENT			
Commercial Properties:	: Hanover Office Park suites were annually inspected;		
Apartments:	Common area of the Lawrence Apartments was re-inspected;		
Rental Property:	Twelve rentals were annually inspected; and		
	Two rentals were re-inspected;		
Complaints: One complaint was logged this week from Frank Greenbelt Station regarding mice infestatio walls, and mold;			
Windshield Inspections:	spections: East Way Road, Ridge Road and Edmonston Road we observed this week;		
Permits:	Four permits were approved and issued;		
Meetings:	Staff Attended:		
	City Council meeting;		
	Prince George's Planning Board Hearing; and		
	Pre-construction meeting on the Boxwood Waterline Replacement Project;		
Planning Projects:	Prepared materials for the FY2020 budget;		
	Responded to property maintenance request;		
	Reviewed County legislation;		
	Responded to questions on the Greenbelt Lake Dam bid;		
	Reviewed GHI proposed NCO Zone;		
	Prepared materials for the March 11 <sup>th</sup> City Council meeting;		
	Drafted meeting minutes for APB March 6 <sup>th</sup> meeting;		
	Finalized APB agenda for March 20 <sup>,</sup> 2019 meeting;		
	Finalized Report to Council regarding acceptance of the Pedestrian Bicycle Task Force as an APB subcommittee;		
	Continued to work on the Windsor Green Community Center Renovation Detailed Site Plan (DSP); and		
	Dog Park Sites review and planning;		

# 03/15/2019 P&CD WEEKLY REPORT CONT...

Other Items of Interest: Staff attended Capital Region Fire Sprinkler Association (CRFSA) Training in Laurel, Maryland;

# CITY NOTES

# Greenbelt CARES



# Week Ending March 15

Judye Hering attended a Community Engagement & Special Projects program, sponsored by Council Chair Dannielle M. Glaros, held at the University of Maryland, on Friday, March 8. The purposes of the program was to network with other non-profits in Prince George's County and provide information and opportunities to all students, children, youth and families, "Together Strengthening Our Community." Over 50 non-profits and other programs were in attendance.

Teresa Smithson attended a workshop at the University Of Maryland Baltimore School Of Social Work: Responding to the Grand Challenge of Ending Homelessness on Wednesday March 6. The presenter was Samuel B. Little, PhD - Assistant Dean and Director of Field Education at the School of Social Work, University of Maryland Baltimore, an Adjunct Professor at Howard University's School of Social Work in Washington, DC, Executive Director of the Family Empowerment Institute of Maryland, and Founding President of the National Alliance of Resident Services in Affordable and Assisted Housing (NAR-SAAH).