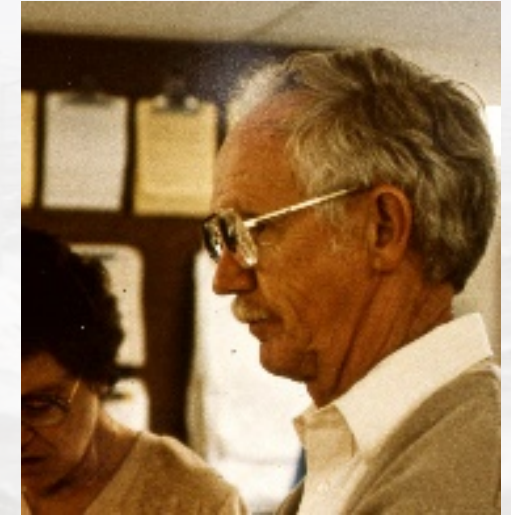




# NOAA National Hurricane Center – Hurricane Specialists 1950s – 2020s





# National Hurricane Center Locations



**Lindsey Hopkins Building  
Miami, Fla. 1949-57**



**Aviation Building  
Miami, Fla. 1958-64**



**Univ. of Miami Computer Bldg.  
Coral Gables, Fla. 1965-79**



**Gables One Tower  
Coral Gables, Fla. 1979-95**



**Florida International University  
West Miami-Dade, Fla. 1995 to present**



# **Duties of the Hurricane Specialist Unit**

**(Unit was officially established in 1969 by NHC Director Dr. Robert Simpson)**

- Maintain a continuous watch on tropical cyclones and areas of disturbed weather within the North Atlantic and eastern North Pacific basins.
- Prepare and issue analyses and forecasts in the form of text advisories and graphical products.
- Issue coastal tropical cyclone watches and warnings for the United States and its Caribbean territories.
- Provide watch and warning recommendations to other World Meteorological Organization Region IV meteorological services.
- Conduct an extensive outreach and education program and train U.S. emergency managers and representatives from many other countries affected by tropical cyclones.
- Conduct and document post-storm analyses.
- Conduct applied research.



# Hurricane Specialists collectively spanning seven decades 1960s-2020s



**Ed Rappaport, Bob Sheets, James Franklin, Jack Beven, Lixion Avila, Miles Lawrence, Bob Case, Max Mayfield, Richard Pasch, Rick Knabb, Joe Pelissier and John Guiney, April 22, 2005**





# The 2020s



- Avila, Lixion (1989 - 2020)
- Beven, Jack (1999 - present)
- Berg, Robbie (2008 - present)
- Blake, Eric (2006 - present)
- Brown, Daniel (2006 - present)
- Cangialosi, John (2009 - present)
- Landsea, Chris (2005 - present)\*
- Latto, Andrew (2018 - present)
- Papin, Philippe (2020 - present)
- Pasch, Richard (1990 - present)
- Reinhart, Brad (2020 - present)
- Roberts, Dave (2003 - present)\*\*
- Stewart, Stacy (2000 - present)
- Zachry, Brian (2019 - present)\*
- Zelinsky, Dave (2017 - 2020)

\* Auxiliary Hurricane Specialist

\*\* Navy Hurricane Specialist





# The 2020s



**Richard Pasch**



**Stacy Stewart**



**Jack Beven**



**Daniel Brown**



**John Cangialosi**



**Eric Blake**



# The 2020s



**Robbie Berg**



**Andrew Latto**



**Brad Reinhart**



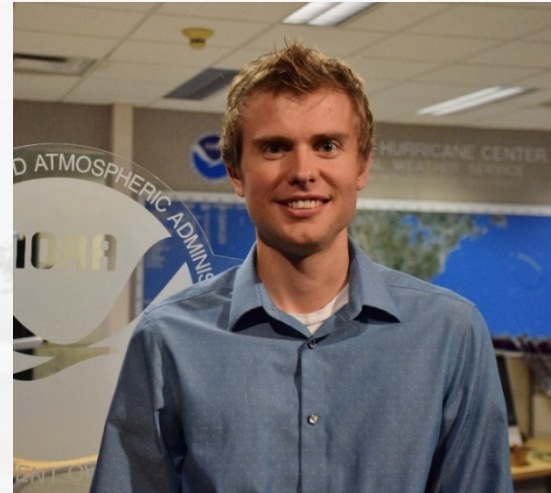
**Philippe Papin**



# The 2020s



**Lixion Avila**



**David Zelinsky**



**Chris Landsea**



**Dave Roberts**



**Brian Zachry**



# The 2010s



- Avila, Lixion (1989 - 2020)
- Beven, Jack (1999 - present)
- Berg, Robbie (2008 - present)
- Blake, Eric (2006 - present)
- Brown, Daniel (2006 - present)
- Brennan, Michael (2008 - 2017)
- Cangialosi, John (2009 - present)
- Franklin, James (1999 - 2008)
- Kimberlain, Todd (2008 - 2017)
- Landsea, Chris (2005 - present)\*
- Latto, Andrew (2018 - present)
- Pasch, Richard (1990 - present)
- Roberts, Dave (2003 - present)\*\*
- Stewart, Stacy (2000 - present)
- Zachry, Brian (2019 - present)\*
- Zelinsky, Dave (2017 - 2020)

\* Auxiliary Hurricane Specialist

\*\* Navy Hurricane Specialist



# The 2010s



**Richard Pasch**



**Michael Brennan**



**Jack Beven**



**Lixion Avila**



**Daniel Brown**



# The 2010s



**James Franklin**



**Stacy Stewart**



**John Cangialosi**



**Eric Blake**



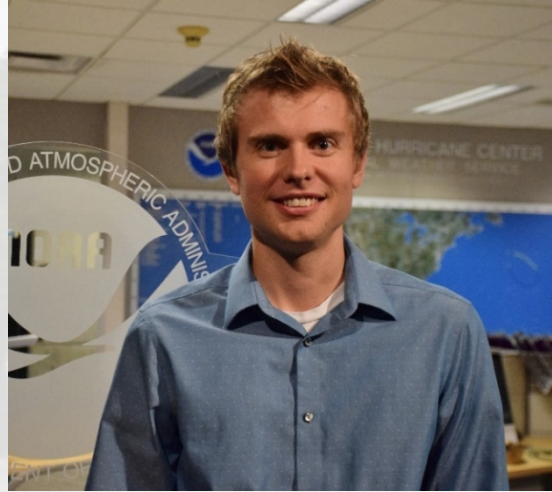
**Robbie Berg**



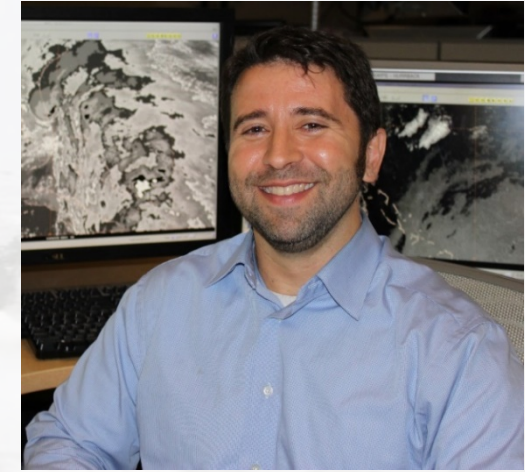
# The 2010s



**Andrew Latto**



**David Zelinsky**



**Todd Kimberlain**



**Chris Landsea**



**Dave Roberts**



**Brian Zachry**



# The 2010s



**Robbie Berg, Dan Brown, Lixion Avila, Dave Roberts, John Cangialosi, Eric Blake, Todd Kimberlain, Richard Pasch, Mike Brennan, Jack Beven, Stacy Stewart, Chris Landsea, James Franklin (2013)**



**Dan Brown, Eric Blake, Robbie Berg, Dave Zelinsky, Jack Beven, John Cangialosi, Lixion Avila, Richard Pasch, Mike Brennan, Andy Latto, Stacy Stewart, Dave Roberts (2019)**



# The 2000s

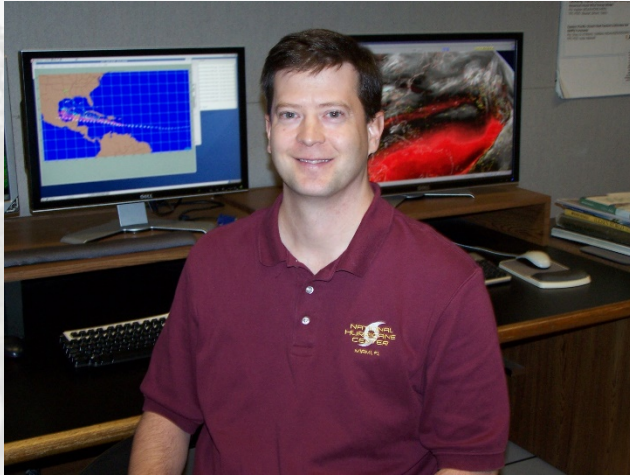


- Avila, Lixion (1989 - 2020)
- Beven, Jack (1999 - present)
- Berg, Robbie (2008 - present)
- Blake, Eric (2006 - present)
- Brennan, Michael (2008 - 2017)
- Brown, Daniel (2006 - present)
- Cangialosi, John (2009 - present)
- Franklin, James (1999 - 2008)
- Jarvinen, Brian (1996 - 2004)\*
- Kimberlain, Todd (2008 - 2017)
- Knabb, Rick (2005 - 2008)
- Landsea, Chris (2005 - present) \*
- Lawrence, Miles (1974 - 2005)
- Mainelli, Michelle (2006 - 2008)
- Pasch, Richard (1990 - present)
- Roberts, Dave ( 2003 - present)\*\*
- Rhome, Jamie (2006 - 2008)
- Stewart, Stacy (2000 - present)

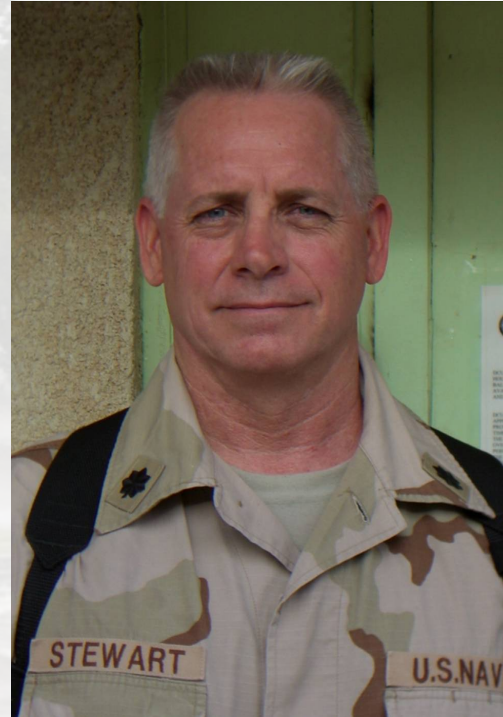
\* Auxiliary Hurricane Specialist \*\* Navy Hurricane Specialist



# The 2000s



**Daniel Brown**



**Stacy Stewart**



**James Franklin**



**Eric Blake**



**Michelle Mainelli**



# The 2000s



**Lixion Avila**



**Richard Pasch**



**Jack Beven**



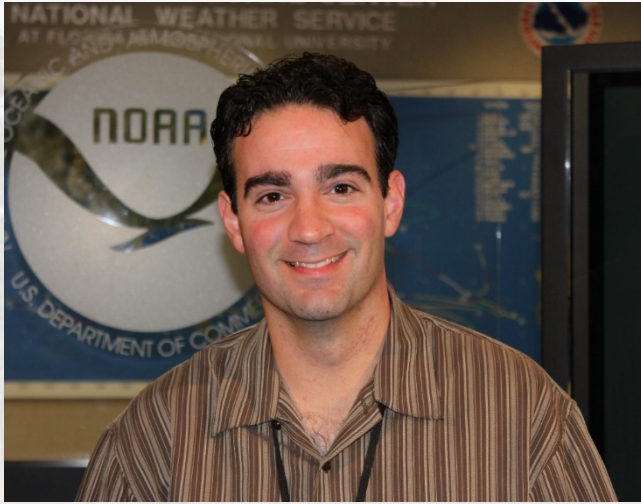
**Michael Brennan**



**Rick Knabb**



# The 2000s



**John Cangialosi**



**Robbie Berg**



**Todd Kimberlain**



**Jamie Rhome**



**Chris Landsea**



**Brian Jarvinen**



# The 2000s



**Dave Roberts, Max Mayfield, Billy Wagner and Lixion Avila**



# The 1990s



- Avila, Lixion (1989 - 2020)
- Beven, Jack (1999 - present)
- Case, Bob (1982 - 90)
- Clark, Gil (1956 - 90)
- DeMaria, Mark (1997 - 98)\*
- Franklin, James (1999 - 2008)
- Gerrish, Hal (1983 - 92)
- Guiney, John (1997 - 99)
- Jarvinen, Brian (1996 - 2004)\*
- Lawrence, Miles (1974 - 2005)
- Lyons, Steve (1995 - 97)\*
- Mayfield, Max (1988 - 98)
- Pasch, Richard (1990 - present)
- Rappaport, Edward (1990 - 98)

\* Auxiliary Hurricane Specialist





# The 1990s



**Hal Gerrish with Bob Sheets**



**Bob Case**



**Jerry Jarrell with Paul Hebert**



# The 1990s



**John Guiney**



**Max Mayfield**



**Lixion Avila**



**Richard Pasch**



# The 1990s



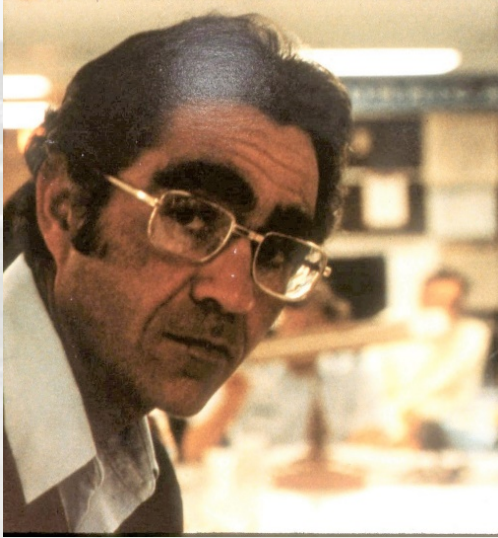
**Ed Rappaport prepares the 5am advisory as the eye of Hurricane Andrew nears Miami, Fla.**



**Bob Case, Lixion Avila and Gil Clark**



# The 1990s



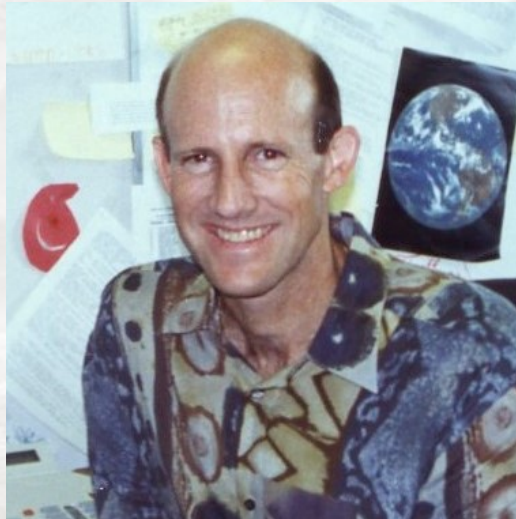
**Miles Lawrence**



**Brian Jarvinen**



**James Franklin**



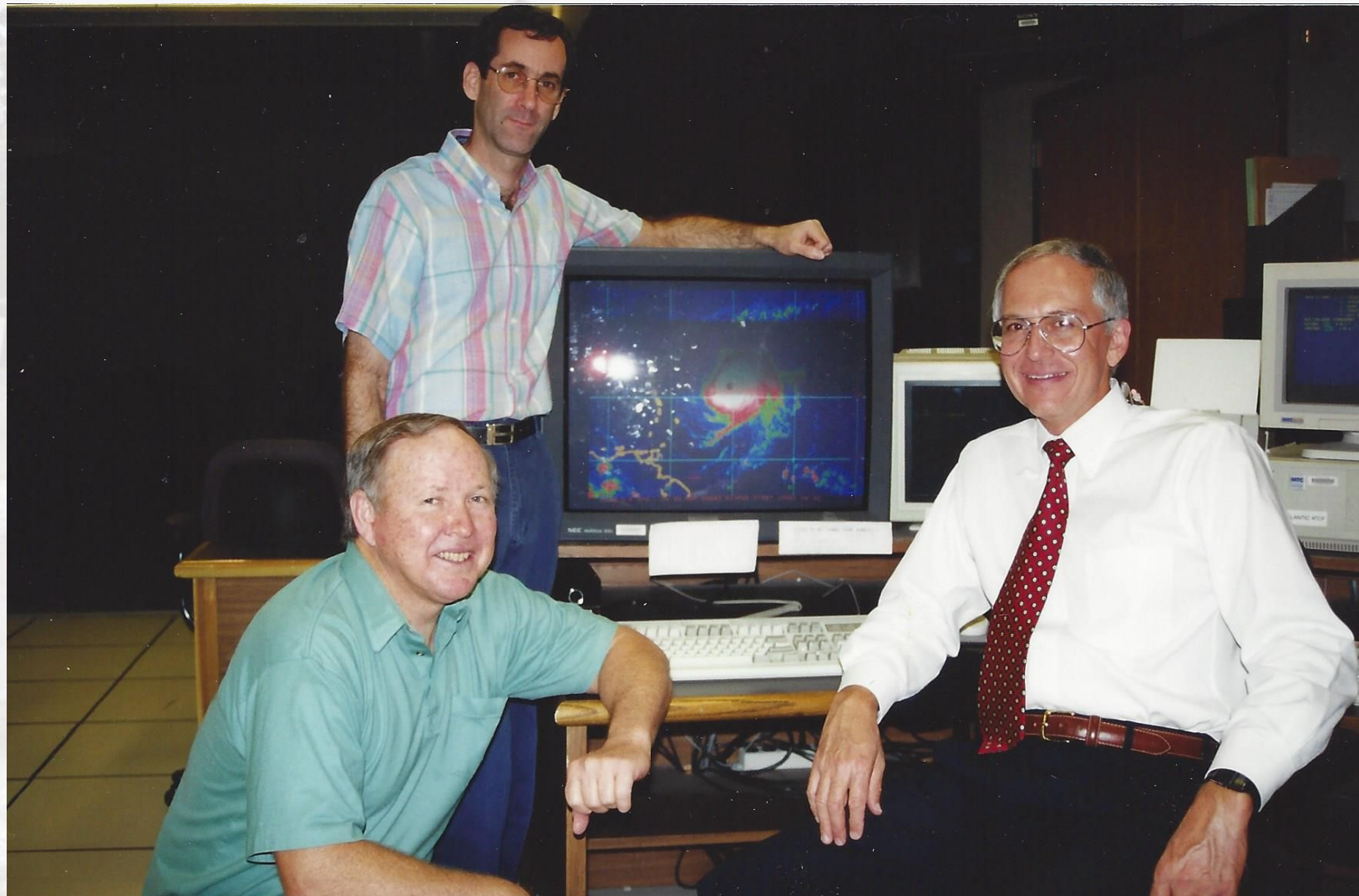
**Steve Lyons**



**Mark DeMaria**



# The 1990s



**Brian Jarvinen, Ed Rappaport and Max Mayfield, Sept 19, 1998**



# The 1990s



**(Back) Jack Beven, Richard Pasch, Jerry Jarrell, Max Mayfield, Miles Lawrence  
(Front) James Franklin, John Guiney, Lixion Avila**



# The 1980s



- Avila, Lixion (1989 - 2020)
  - Case, Bob (1982 - 90)
  - Clark, Gil (1956 - 90)
  - Gerrish, Hal (1983 - 1992)
  - Gross, Jim (1988 - 89)
  - Hebert, Paul (1967 - 83)
  - Hope, John (1968 - 81)
  - Lawrence, Miles (1974 - 2005)
  - Mayfield, Max (1988 - 98)
  - Merrill, Robert (1981)\*
  - Pelissier, Joe (1967 - 82)
  - Sheets, Bob (1980 - 85)
- \* Auxiliary Hurricane Specialist





# The 1980s



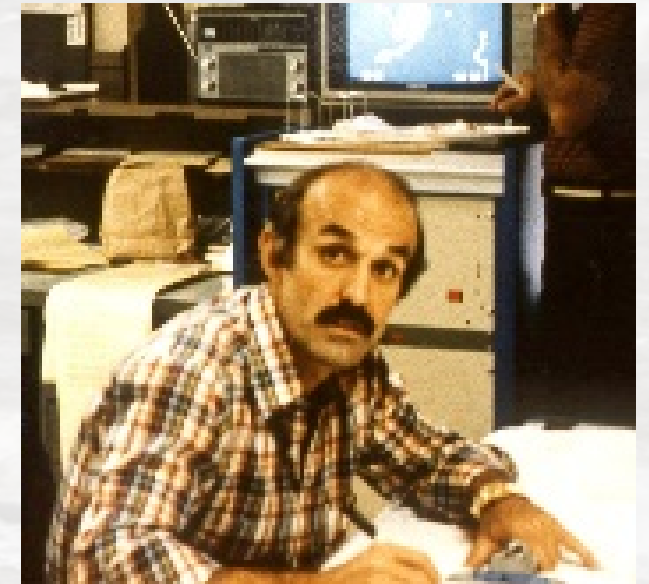
**Neil Frank**



**Gil Clark**



**John Hope**



**Bob Case**



# The 1980s



**Hal Gerrish**



**Bob Sheets**



**Joe Pelissier**



**Miles Lawrence**



**Jim Gross**



**Max Mayfield**



# The 1980s



**Lixion Avila, Bob Case, Miles Lawrence, Hal Gerrish, Max Mayfield (1989)**



# The 1970s



- Clark, Gil (1956 - 90)
- Frank, Neil (1963 - 73)
- Hebert, Paul (1967 - 83)
- Hope, John (1968 - 81)
- Kraft, Ray (1961 - 72)
- Lawrence, Miles (1974 - 2005)
- Pelissier, Joe (1967 - 82)
- Pike, Arthur (1973)\*
- Sugg, Arnold (1958 - 72)

**\*Auxiliary Hurricane Specialist**



# The 1970s



**John Hope**



**Gil Clark**



**Paul Hebert**



**Arnold Sugg**



**Ray Kraft**



# The 1970s



**Paul Moore**



**Joe Pelissier**



**Neil Frank**



**Miles Lawrence**



# The 1960s



- Clark, Gil (1956 - 90)
- Davis, Walter (1958 - 60)
- Frank, Neil (1963 - 73)
- Hebert, Paul (1967 - 83)
- Hill, Elbert (1961 - 65)
- Hope, John (1968 - 81)
- Kraft, Ray (1961 - 72)
- Moore, Paul (1958 - 66)
- Pelissier, Joe (1967 - 82)
- Sugg, Arnold (1958 - 72)



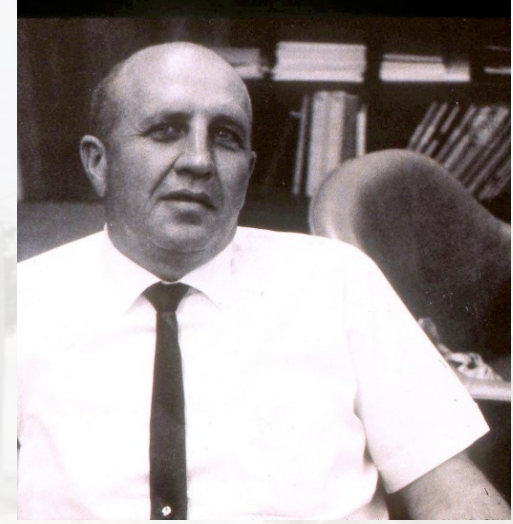
# The 1960s



**Paul Hebert**



**Gil Clark**



**Ray Kraft**



**Arnold Sugg**



**John Hope**



# The 1960s



**Neil Frank**



**Elbert Hill**



**Joe Pelissier**



**Paul Moore**



**Walter Davis**



# The 1950s



**Clark, Gil (1956 - 90)**

**Davis, Walter (1958 - 60)**

**McGehee, William (1958)\***

**Moore, Paul (1958 - 66)**

**Sugg, Arnold (1958 - 72)**

**\* Auxiliary Hurricane Specialist**

**Specific years prior to 1958 are not yet indicated**





# The 1950s



**Walter Davis**



**Gil Clark**



**Arnold Sugg**



# Hurricane Specialist Unit Supervisors

(Supervisors occasionally made forecasts)



**Michael Brennan**  
2017 - present



**James Franklin**  
2009 - 2017



**Rick Knabb**  
2008



**Ed Rappaport**  
2000 - 2008



**Max Mayfield**  
1998 - 1999



**Jerry Jarrell**  
1988 - 1997



**Bob Sheets**  
1985 - 1987



**Neil Frank**  
1973 - 1985



**Arnold Sugg**  
1969 - 1973





**This is a living document and will be updated as necessary. NHC welcomes any new or corrected information. Please contact us at [nhc.public.affairs@noaa.gov](mailto:nhc.public.affairs@noaa.gov)**