# Antarctica: At the heart of it all

Dr. Dan Morgan Associate Dean - College of Arts & Science Principal Senior Lecturer – Earth & Environmental Sciences **Vanderbilt University Osher Lifelong Learning Institute** Spring 2021



### V. 20th Century Expeditions and Governance

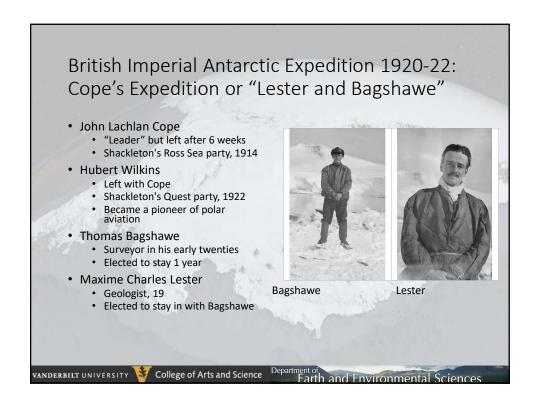
- 20th Century **Expeditions** 
  - Lester and Bagshawe
  - Byrd
  - Ronne
  - Hillary and Fuchs
  - Fiennes

 Governance: Antartcic **Treaty System** 

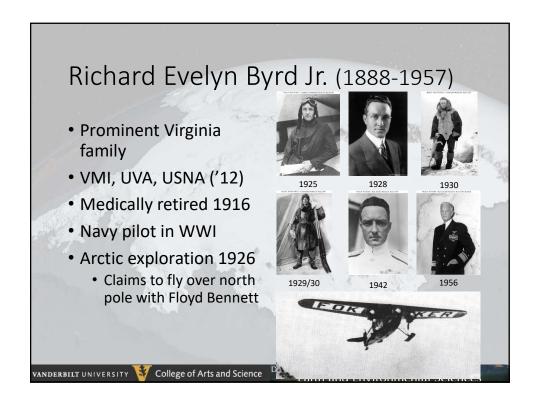


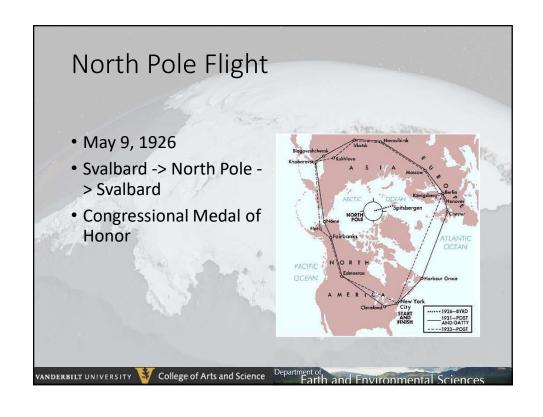


College of Arts and Science Farth and Environmental Sciences







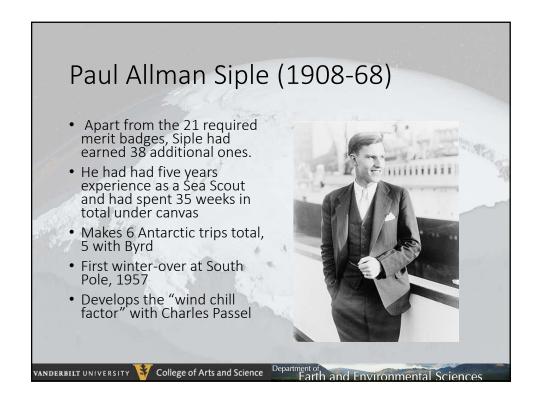


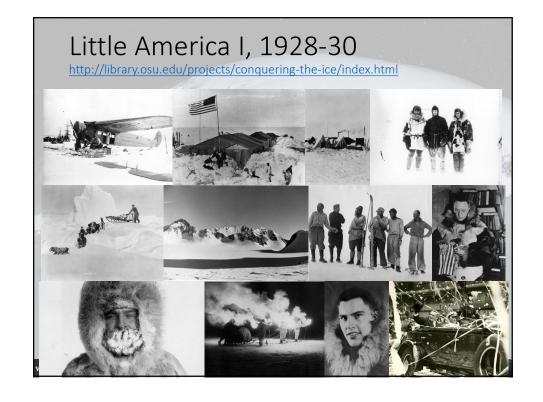


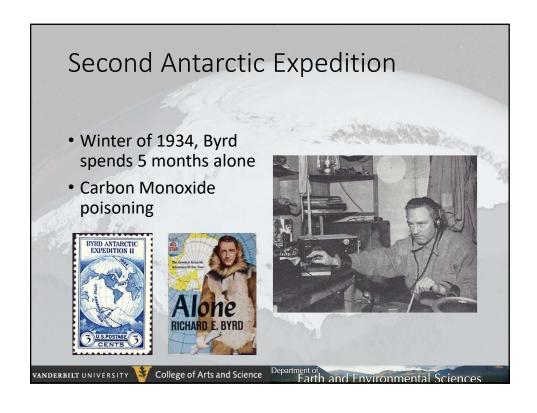
### The Quest for a Boy Scout

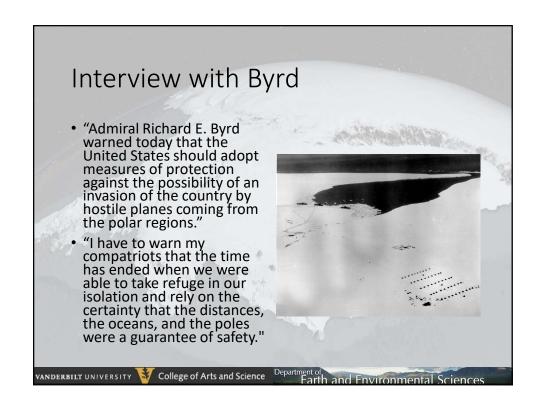
- Byrd announced his intention of taking a Boy Scout on his forthcoming Antarctic Expedition in 1927
- At least two years' Scouting experience with First Class or Able Sea Scout rank
- A certificate from his troop, proving his Scouting abilities
- Have had a least one week's camping or cruising experience every summer over three years
- An essay of between 500 and 1,000 words on why he wished to be a member of the expedition, stating his qualifications

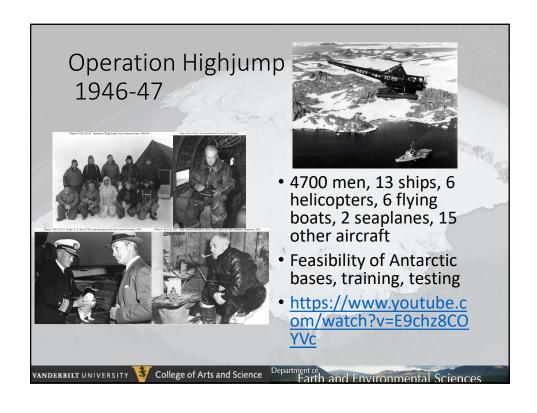
VANDERBILT UNIVERSITY College of Arts and Science Pepartment of Farth and Environmental Sciences













#### Captain Finn Ronne

- · Born in December 1899 and died in January 1980
- Father was Martin Ronne, who served on Amundsen's trip to the South Pole
- Emigrated to the U.S. in 1923 and joined the Navy
- Third Antarctic expedition
- Married to Edith Ronne



VANDERBILT UNIVERSITY



College of Arts and Science Farth and Environmental Sciences

#### Feud with Richard E. Byrd

- At the end of WWII, Ronne began to plan his own, independent, Antarctic expedition.
- Approached by friend Admiral Richard E. Byrd to work together on the expedition, leading Ronne to share his expedition plans with him.
- Byrd went on to propose the same plan as Ronne as his own, resulting in competition for funding for Ronne.

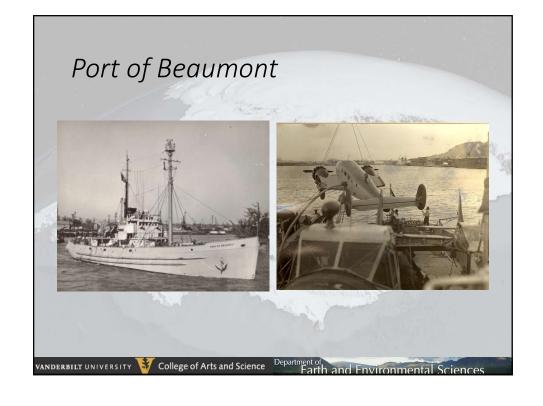


VANDERBILT UNIVERSITY College of Arts and Science Farth and Environmental Sciences

## **Funding**

- Although Byrd severely hurt Ronne's expedition plans, Ronne was able to raise about \$50,000 (2021: \$700,000) and gather 22 unpaid volunteers to help him on his journey.
- The Air Force also donated three planes, equipment, spare parts, and clothing.
- Congress loaned Ronne USS ATA-215, renamed the Port of Beaumont to use for the expedition.
  - 183 foot, 1200 ton, wooden hulled ship

VANDERBILT UNIVERSITY College of Arts and Science Pearth and Environmental Sciences

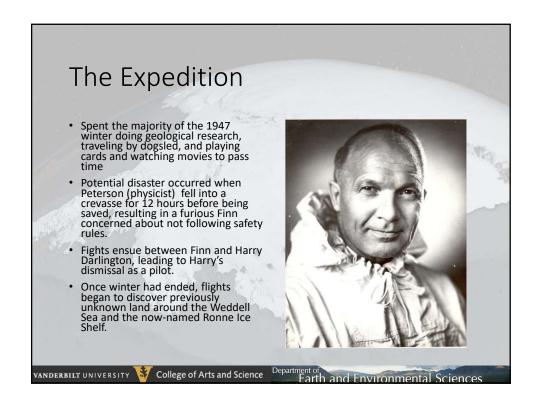


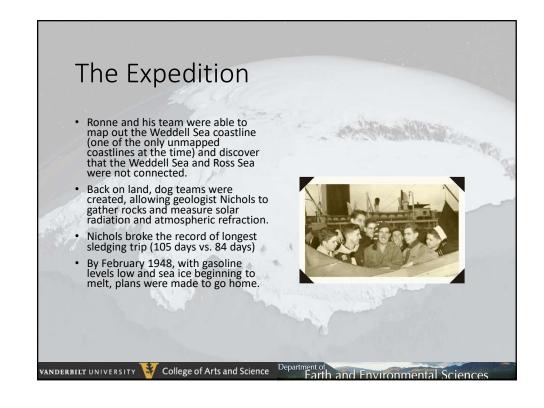


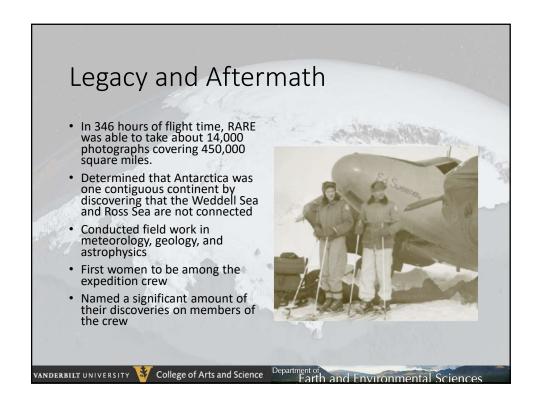


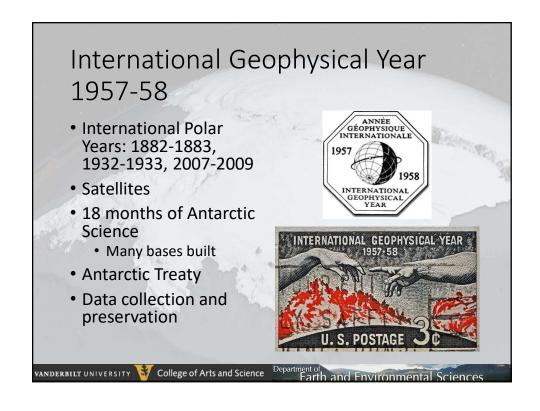




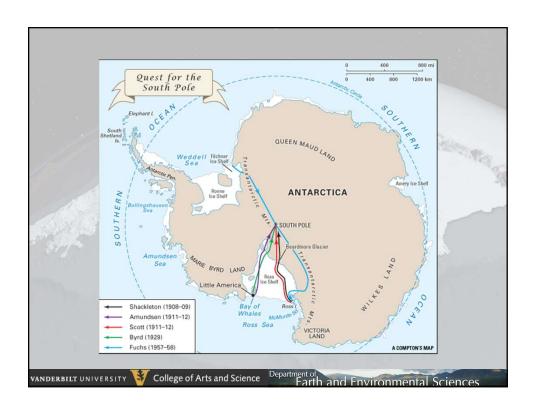




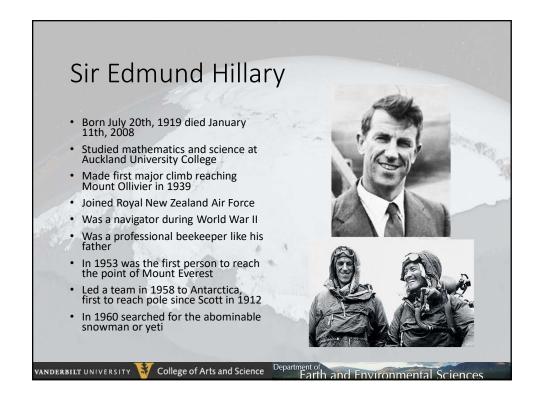


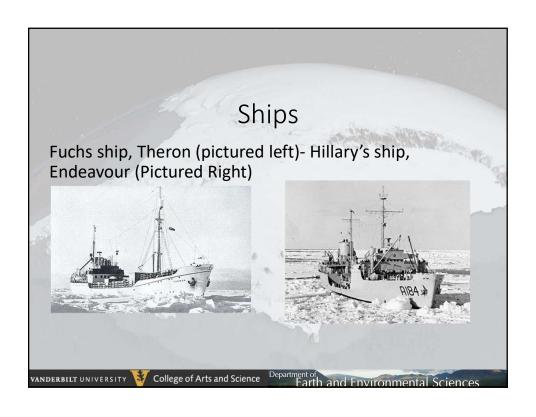


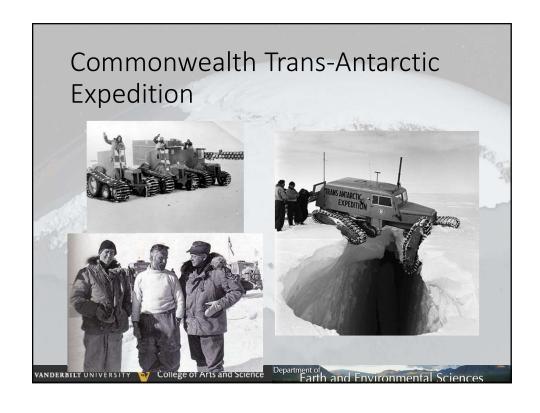






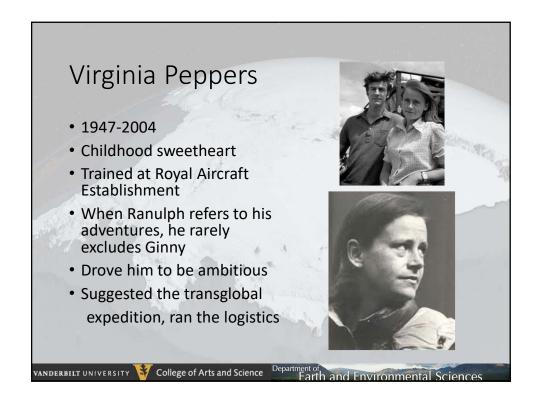


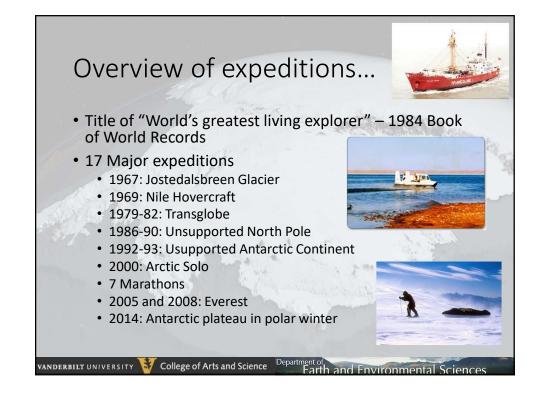


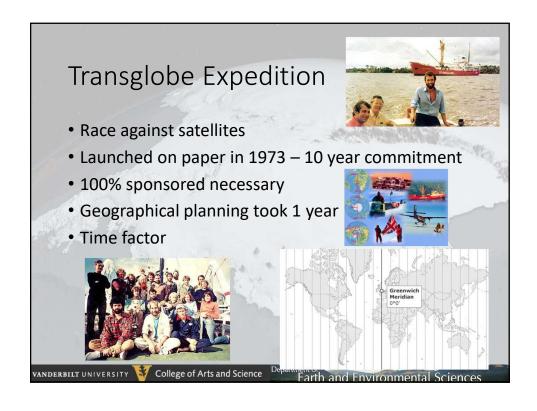






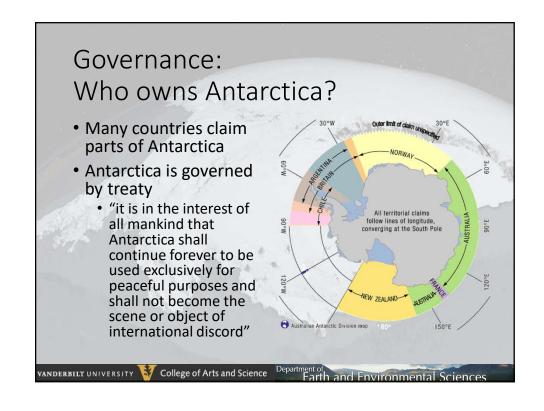


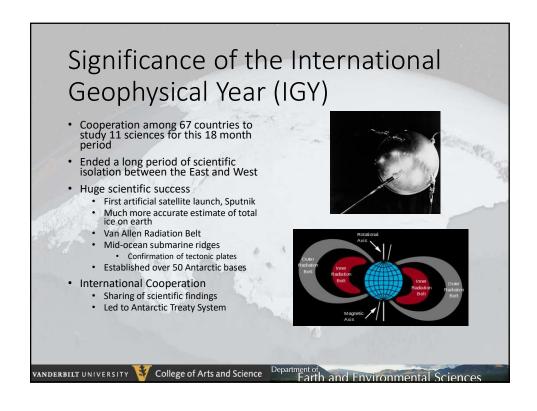














#### **Antarctic Treaty**

- Article I: Antarctica for peaceful purposes only
  - · No measures of military nature
- Article II: freedom of scientific investigation to continue
  - In spirit of IGY
- Article III: plans and results to be exchanged
- Article IV: territorial claims
  - No asserting, supporting, denying claims
- Article V: nuclear explosions prohibited, no radioactive waste
- Article VI: area covered by Treaty
  - Area south of 60°S, but not high seas

- Article VII: free access for observation and inspection
- Article VIII: personnel under jurisdiction of their own states
- Article IX: Treaty states to meet periodically
- Article X: discourages activities contrary to Treaty
- Article XI: settlement of disputes
- Article XII: review of Treaty possible after 30 years
- Article XIII: ratification and accession
  Any member of UN can join
- Article XIV: United States is repository



Secretariat of the Antarctic Treaty Secrétariat du Traité sur l'Antarctique Секретариат Договора об Антарктике Secretaría del Tratado Antártico

NDERBILT UNIVERSITY College of Arts and Science

Department of Farth and Environmental Sciences

# Antarctic Treaty – Other agreements



- Agreed Measures for the Conservation of Antarctic Fauna and Flora (1964)
- Convention for the Conservation of Antarctic Seals (1972)
- Antarctic Conservation Act (1978): US law
- Convention on the Conservation of Antarctic Marine Living Resources (1980)
- Protocol on Environmental Protection (1991)



Secretariat of the Antarctic Treaty Secrétariat du Traité sur l'Antarctique Секретариат Договора об Антарктике Secretaría del Tratado Antártico

NDERBILT UNIVERSITY College of Arts and Science

Farth and Environmental Sciences

