

PIPE ORGANS

of

THE UNIVERSITY OF NOTRE DAME

CONTENTS

- 3 Basilica of the Sacred Heart**
- 5 Wayne and Diana Murdy Family Organ – Fritts, IV/70
- 6 Lady Chapel Organ – Noack, I/3
- 6 Sacred Heart Parish (Crypt Church) Organ – Rieger, II/8
- 7 DeBartolo Performing Arts Center**
- 9 O’Malley Organ – Fritts, II/35
- 10 Italian Positive Organ – Anonymous, I/5
- 11 O’Neill Hall of Music**
- 12 Schreiner Organ – Schreiner, II/5
- 12 Gober Organ – Gober, II/5
- 13 Jaeckel Organ – Jaeckel II/6
- 13 Holtkamp Organ – Holtkamp, II/5rk
- 14 Coleman-Morse Center**
- 14 Führer Organ – Führer, II/6
- 15 McCusker Family Organ – Fritts, II/7
- 16 Other Organs on Campus**
- 17 Sacred Heart of Jesus Chapel Organ – Fritts, II/8
- 18 Log Chapel Organ – Wilhelm, II/4
- 18 All Souls Chapel Organ – Ahrend, I/5
- 19 Hunt Family Continuo Organ – Taylor and Boody, I/5

BASILICA OF THE SACRED HEART



Basilica of the Sacred Heart

WAYNE AND DIANA MURDY FAMILY ORGAN

Paul Fritts & Company Organ Builders, Op. 37 (2016)

Four Manuals, 69 Stops, 106 Ranks, 5164 Pipes



Basilica of the Sacred Heart

The **Wayne and Diana Murdy Family Organ** is the fourth organ to grace the Basilica of the Sacred Heart. It is the largest instrument built by Paul Fritts & Company to date. The grand case of the organ is inspired by the 1743 organ of the Bovenkerk in Kampen, the Netherlands, built by Albert Antonius Hinsz. Likewise, the core of the Murdy's specification draws on seventeenth and eighteenth century examples from northern Germany and the Netherlands. The organ's rich foundation stops, sparkling upperwork, and flexible winding are ideal for accompanying choral music and congregational singing, the heart of the Basilica's thriving music ministry. Along with its Germanic core, the instrument boasts reed and flue stops based on models by great French organ builders Cliquot and Cavaillé-Coll, horizontal Spanish Trompetas based on those by Jordi Bosch, an effective Swell box, and mildly unequal temperament. The suspended key action is both highly sensitive and very light, so that musical performances of even the most virtuosic literature are possible when the manuals are coupled, without any need for electric or pneumatic assistance. By the combination of all these features in one instrument, performers are enabled to interpret the full gamut of the organ literature with aplomb.

Great		Swell		Rückpositive		Pedal	
16'	Principal*	16'	Bourdon	8'	Principal	16'	Principal
8'	Octave I-II	8'	Principal	8'	Gedackt	16'	Subbaß
8'	Flûte Harmonique	8'	Violdigamba	8'	Quintadena	16'	Violon
8'	Rohrflöte	8'	Voix Celeste	4'	Octave	8'	Octave
8'	Salicional	8'	Rohrflöte	4'	Rohrflöte	8'	Bourdon*
8'	Unda Maris	8'	Baarpijp*	3'	Nasat	4'	Octave
4'	Octave I-II	4'	Octave	2'	Octave	2'	Nachthorn
4'	Spitzflöte	4'	Koppelflöte	2'	Waldflöte	III	Rauschpfeife
3'	Quinte	3'	Nasat	1 1/3'	Larigot	VII-VIII	Mixture
2'	Octave	2'	Octave	II	Sesquialtera	32'	Posaune
III-IV	Rauschpfeife	2'	Blockflöte	V-VI	Mixture	16'	Posaune
VII-VIII	Mixture	1 3/5'	Terz	16'	Dulcian	16'	Bombarde
1 3/5'	Mixture Tierce	V-VI	Mixture	8'	Trompet	8'	Trompet
V	Cornet (c°)	16'	Fagott	8'	Cromorne	8'	Trompette
16'	Trompet	8'	Trompet	8'	Trichterregal	4'	Trompet
8'	Trompet	8'	Hautbois	Trompeteria		2'	Cornet
8'	Trompette	8'	Vox humana	8'	Trompeta	<i>*shares some pipes with another stop</i>	
4'	Clairon	8'	Praestant (façade)	4'-16'	Trompeta		

Direct mechanical key action, suspended
 Direct mechanical stop action
 Electric combination system with sequencer
 Variable Tremulants
 Zimbelstern
 Wind Stabilizer

Temperament: Kellner

Compass: Manuals 58 Notes
 Pedal 30 Notes

Couplers: Rückpositive to Great
 Swell to Great
 Trompeteria to Great
 Swell to Rückpositive
 Great to Pedal
 Rückpositive to Pedal
 Swell to Pedal
 Trompeteria to Pedal



LADY CHAPEL ORGAN

Noack Organ Company, Op. 62 (1971)
One Manual, Three Stops, Three Ranks, 174 Pipes



Manual

8' Gedackt (b/t)
4' Flute (b/t)
2' Principal (b/t)

Pedal

Pulldown from Manual

Mechanical key action
Mechanical stop action

Compass: Manual 58 Notes
Pedal 32 Notes

Temperament: Equal

SACRED HEART PARISH (CRYPT CHURCH) ORGAN

Rieger Orgelbau (2001)
Two Manuals, Eight Stops, Eight Ranks, 436 Pipes



Manual I

8' Holzgedeckt
4' Principal
2' Doublette

Manual II (expressive)

8' Nachthorn
4' Blockflöte
2' Flachflöte
8' Dulcian

Pedal

16' Subbaß

Direct mechanical key action, balanced
Direct mechanical stop action

Compass: Manuals 58 Notes
Pedal 30 Notes

Couplers: Manual II to Manual I
Manual I to Pedal
Manual II to Pedal

DEBARTOLO PERFORMING ARTS CENTER



<http://photos.nd.edu/image/I0000vU8Jm79UTI>

Since opening in 2004, the **DeBartolo Performing Arts Center** has been Notre Dame's leading presenter of world-class artistic programming of all genres. The Center houses five performing venues, each on their own foundation for complete sound isolation, Browning Cinema, Patricia George Decio Theatre, Leighton Concert Hall, Philbin Studio Theatre, and Reyes Organ and Choral Hall. The Center is also at the heart of Notre Dame's academic mission, housing classrooms, faculty offices, and support services for students in the arts. Students and faculty in Music and Film, Television, and Theatre, regularly make use of the Center's facilities for their own studies and performances.

DeBartolo Performing Arts Center

O'MALLEY ORGAN

Paul Fritts & Company Organ Builders, Op. 24 (2004)
Two Manuals, 35 Stops, 52 Ranks, 2551 Pipes



The **O'Malley Organ** in Reyes Organ and Choral Hall of the DeBartolo Performing Arts Center serves as the primary instrument for organ student lessons, practice, and performances, as well as guest artist and faculty performances throughout the academic year. Its case of 800-year-old fir is inspired by two organs built by the renowned organ builder Arp Schnitger in the Netherlands, those of the Aa-Kerk in Gronigen and the Hervormde Kerk in Noordbroek. Judy Fritts, the organ builder's sister, carved the case decorations according to the theme from Psalm 150:6, "Let everything that has breath praise the LORD. Like its case, the organ's specification is inspired primarily by instruments of northern Germany and the Netherlands. As such, it is ideal for German and Dutch music of the seventeenth and eighteenth centuries, but the inclusion of certain eclectic stops and exceptionally blended voicing make the instrument remarkably versatile. Student, faculty, and guest performers on the O'Malley Organ routinely program repertoire from all periods with great success. Furthermore, the organ's sensitive suspended action and ample, responsive winding combine with Reyes Hall's live acoustic to provide the ideal formative experience for organ students. The instrument and room pay dividends for refined technique and polished musicianship.

Hauptwerk

16'	Principal
8'	Octave
8'	Rohrflöte
8'	Viol di Gamba
4'	Octave
4'	Spitzflöte
3'	Quinte
III	Nasat/Cornet (half-draw Nasat)
2'	Octave
IV-VI	Mixture
16'	Trompet
8'	Trompet
8'	Baarpfeife

Rückpositive

8'	Principal
8'	Gedackt
8'	Quintadena
4'	Octave
4'	Rohrflöte
2'	Octave
2'	Waldflöte
1 1/3'	Sifflöte
II	Quint/Sesquialtera (half-draw Quint)
IV-V	Scharff
16'	Fagott
8'	Trichterregal
4'	Schalmey

Pedal

16'	Principal*
8'	Octave
4'	Octave*
2'	Nachthorn
VI-VIII	Mixture
16'	Posaune
8'	Trompet
4'	Trompet
2'	Cornet*

**shares some pipes with another stop*

Direct mechanical key action, suspended
 Direct mechanical stop action
 Variable Tremulant (whole organ)
 Wind Stabilizer
 Cornet from c' or cs'
 Winding by electric blower or manual pumping

Temperament: Kirnberger, modified

Compass: Manuals 58 Notes
 Pedal 30 Notes

Couplers: Rückpositive to Hauptwerk
 Hauptwerk to Pedal
 Rückpositive to Pedal



ITALIAN POSITIVE ORGAN

Anonymous Builder, Naples, Italy (c.1680)

Restored by Robert Wech and Martin Pasi

One Manual, Five Stops, Five Ranks, 225 Pipes

On loan to Notre Dame from a private donor since 2010, the **Italian Positive Organ** is a small chamber instrument, one of many built for Italian churches and chapels throughout the centuries. It sits opposite the O'Malley Organ in Reyes Hall. The builder of the instrument and its exact year of construction are unknown, but the case decoration suggests it was built around 1680. Wind conduits made of bamboo inside the organ are evidence that it was built near Naples, Italy. The organ was discovered after standing silent in storage for decades and was badly in need of restoration. Robert Wech (Orgelbau Wech, Buchloe, Germany) completed the cosmetic and technical restoration of the instrument, and the tonal restoration was undertaken by Martin Pasi (Pasi Organ Builders, Roy, Washington). With very low wind pressure (50mm water column) and meantone temperament, the organ's sound is relaxed and vocal. It is ideal for performing Italian organ music from the 16th and 17th centuries and accompanying chamber music. An electric blower was added during the restoration for convenience when practicing, but the organ still sounds best when it is pumped manually. Students often pump the organ for each other and for guest artists in performance, an intimate musical experience for both the performer and the one pumping.



Manuale

8'	Principale
4'	Ottava
2'	Decimaquinta
1 1/3'	Decimanona
1'	Vigesimaseconda

Direct mechanical key action, suspended
Direct mechanical stop action

Compass: CDEFGA-c'''

Temperament: 1/4-comma Meantone

Pitch: A-415



O'NEILL HALL OF MUSIC



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GOBER ORGAN



Halbert Gober (1998)

Two Manuals, Five Stops, Six Ranks, 288 Pipes

Manual I

- 8' Prinzipal
- 4' Offenflöte
- 2' Traversflöte
- II Cornet (c')

Manual II

- 8' Stopped Flute

Pedal

Pulldown from Manual I

Direct mechanical key action, suspended
Direct mechanical stop action

Compass: Manuals 56 Notes
 Pedal 30 Notes

HOLTKAMP ORGAN

Holtkamp Organ Company, Job 1926 (1976)

Two Manuals, 16 Stops, Five Ranks, 598 Pipes



Manual I

- 8' Gedackt
- 4' Principal
- 2' Gemshorn
- III Mixture
- 8' Dulzian

Manual II

- 8' Gemshorn
- 4' Gedackt
- 2' Principal
- 1 1/3' Larigot
- III Scharf

Pedal

- 16' Gedackt
- 8' Gemshorn
- 8' Gedackt
- 4' Principal
- 16' Dulzian
- 8' Dulzian

Ranks

- 1. Gedackt
- 2. Gemshorn
- 3. Principal
- 4. Mixture III
- 5. Dulzian

Electric key and stop action

Compass: Manuals 61 Notes
 Pedal 32 Notes

JAECKEL ORGAN



Jaeckel Organs, Op. 12B (1988)
Two Manuals, Six Stops, Five Ranks, 254 Pipes

Manual I

8' Rohrflöte
4' Principal

Positive

8' Quintade
4' Spitzflöte

Pedal

8' Gedackt
4' Principal (from Manual I)

Direct mechanical key action
Direct mechanical stop action

Compass: Manuals 56 Notes
Pedal 30 Notes

Temperament: Kirnberger III

SCHREINER ORGAN



Schreiner Pipe Organs, Op. 2 (1995)
Two Manuals, Five Stops, Four Ranks, 204 Pipes

Great

8' Open Diapason

Positive

8' Stopped Diapason
4' Spire Flute

Pedal

8' Flûte*
4' Flûte (ext)
*1-12 from Open Diapason

Direct mechanical key action, suspended
Direct mechanical stop action

Compass: Manuals 58 Notes
Pedal 30 Notes

Couplers: Manual II to Manual I
Manual I to Pedal
Manual II to Pedal

COLEMAN-MORSE CENTER

FÜHRER ORGAN

Alfred Führer Orgelbau (1981)

Two Manuals, Six Stops, Six Ranks, 318 Pipes



Manual I

4' Fluit
1 1/3' Nazard
8' Kromhoorn

Manual II

8' Holpijp
4' Roerfluit
2' Prestant

Pedal

No stops

Direct mechanical key action, suspended
Direct mechanical stop action

Compass: Manuals 53 Notes
Pedal 27 Notes

Couplers: Manual II to Manual I
Manual I to Pedal
Manual II to Pedal

Pitch: A-465

McCUSKER FAMILY ORGAN

Paul Fritts & Company Organ Builders, Op. 38 (2014)

Two Manuals, Seven Stops, Eight Ranks, 412 Pipes

The **McCusker Family Organ** is located in Dr. Gail L. Walton Rehearsal Hall on the third floor of the Coleman-Morse Center, the primary rehearsal space for the choirs of the Basilica of the Sacred Heart and Campus Ministry at Notre Dame. The scaling of the McCusker's principal pipes is based on the Italian Positive Organ in the DeBartolo Performing Arts Center. They produce a sound which is both full and gentle, perfect for the medium-sized hall. In addition to functioning as a choral rehearsal space, Walton Hall is used for organ practice, occasional organ lessons, small recitals of chamber or vocal music, and recording sessions. The organ's gentle voicing is excellent for accompanying voices, both individual singers and choirs, and its mild, unequal temperament is the same as that of the Murdy Family organ in the Basilica. It is a sister instrument to the one in Sacred Heart of Jesus Chapel at Moreau Seminary.



Manual I

8' Principal
4' Octave
2' Octave

Manual II

8' Gedeckt
4' Rohrflöte
2 2/3' Nasat/Cornet II (c°)
(half-draw Cornet)

Pedal

16' Subbaß

Direct mechanical key action, suspended
Direct mechanical stop action
Variable Tremulant

Compass: Manuals 58 Notes
Pedal 30 Notes

Couplers: Manual II to Manual I
Manual I to Pedal
Manual II to Pedal

Temperament: Kellner

OTHER ORGANS ON CAMPUS

SACRED HEART OF JESUS CHAPEL ORGAN

Paul Fritts & Company Organ Builders, Op. 40 (2014)

Two Manuals, Eight Stops, Eight Ranks, 412 Pipes

A sister instrument to the McKusker Family Organ, the **Sacred Heart of Jesus Chapel Organ** was originally lent to the University of Notre Dame by Paul Fritts & Company to serve as the interim organ in the Basilica of the Sacred Heart before the installation of the Wayne and Diana Murdy Family Organ. After serving the Basilica for six months, the organ was purchased by Moreau Seminary and placed in the Sacred Heart of Jesus Chapel, which badly needed a new instrument. The generous, reverberant accoustic of the chapel and generous, supportive voicing by Paul Fritts make this relatively small instrument well suited for leading seminary liturgies. The sound fills the space and supports singing without ever being overpowering. Also, the organ is situated on a moveable base, so the instrument can be moved as needed for liturgical use and performance.



Manual I

8'	Principal
4'	Octave
4'	Spitzflöte*
2'	Gemshorn

Manual II

8'	Gedeckt
4'	Spitzflöte
2 2/3'	Nasat/Cornet II (c°) (half-draw Cornet)

Pedal

16'	Subbaß
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Direct mechanical key action, suspended
Direct mechanical stop action
Variable Tremulant

Compass: Manuals 58 Notes
 Pedal 30 Notes

Couplers: Manual II to Manual I
 Manual I to Pedal
 Manual II to Pedal

Temperament: Kellner

**transmission from Manual II*

LOG CHAPEL ORGAN

Karl Wilhelm (1981)

Two Manuals, Four Stops, Four Ranks, 198 Pipes



Manual I

8' Holzgedackt
4' Holzflöte

Manual II

8' Holzregal

Pedal

8' [Gedackt]

Direct mechanical key action
Direct mechanical stop action

Compass: Manuals 56 Notes
Pedal 30 Notes

Couplers: Manual I to Pedal
Manual II to Pedal

ALL SOULS CHAPEL ORGAN

Jürgen Ahrend Orgelbau, Op. 170 (2005)

One Manuals, Five Stops, Six Ranks, 270 Pipes



Manual

8' Gedackt (b/t)
4' Gedackt (b/t)
2' Principal (b/t)
II' Sesquialt (t)
8' Rankett (b/t)

Direct mechanical key action
Direct mechanical stop action

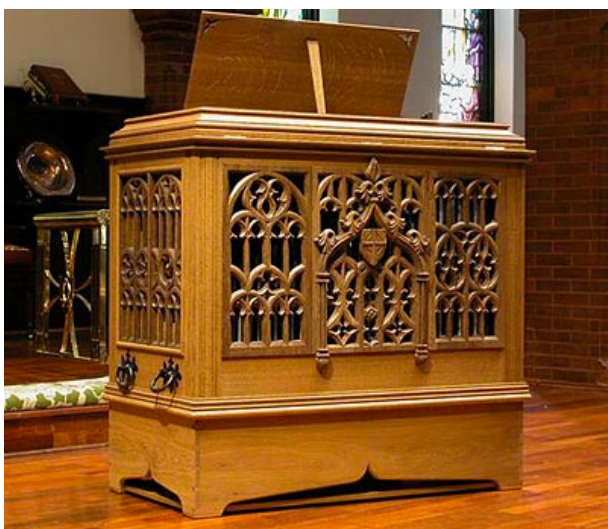
Compass: 53 Notes
Bass stops C-b^o
Treble stops c'-d'''

Transpositions: A-392, A-415, A-440

HUNT FAMILY CONTINUO ORGAN

Taylor and Boody Organ Builders, Op. 75 (forthcoming)
One Manuals, Five Stops, Five Ranks, 217 Pipes

the **Hunt Family Continuo Organ** organ



Taylor and Boody, Op. 44 (2002) pictured

Manual

8'	Gedackt (b/t)
8'	Principal (t)
4'	Rohrflöte (b/t)
2 2/3'	Nasat (t)
2'	Octave

Direct mechanical key action
Direct mechanical stop action

Compass: 53 Notes
Bass stops C-b°
Treble stops c'-d'''

Transpositions: A-415, A-440, A-465



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